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For Retailer, Wholesaler and Manufacturer

DECEMBER 7 1963



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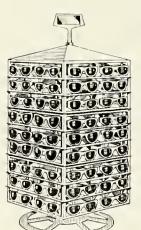
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		Kiddies, assorted colours	2/-	
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•	12 Pieces No. 6683	Men, 9 pieces black, 3 pieces shell	2/6	each
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•	12 Pieces No. 6809	Men, 9 pieces black, 3 pieces shell	3/11	each
•	12 Pieces No. 6834	Panoramic, smoke only	3/11	each
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•	12 Pieces No. 9086	Men, 9 black on clear, 3 shell on clear	5/-	each
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	12 Pieces No. 5286	Ladies, panoramic assorted metallised col-		
			7/6	each
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•	12 Pieces No. 216	Ladies, assorted colours	7/11	each
•	12 Pieces No. 215	Men, black only	7/11	each
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Announce the following price revisions, effective from 6th January, 1964

Code	Product	Size	Retail Selling Price (each)	Standard Wholesale Price (per doz.) excl. P.T.	Purchase Tax (per doz.)
601	BRYLCREEM	Junior Tub	1/11	14/3	3/7
602	BRYLCREEM	Medium Tub	2/11	21/8	5/5
603	BRYLCREEM	Large Tub	5/6	41/-	10/3
607	BRYLCREEM	Dispenser Refill	4/3	31/8	7/11
691	SILVIKRIN HAIR CREAM	Junior Jar	2/1	15/6	3/10½
692	SILVIKRIN HAIR CREAM	Large Jar	3/2	23/7	5/11
695	SILVIKRIN HAIR CREAM	Dispenser Refill	4/6	33/6	8/4½

Prices of all other sizes (Brylcreem & Silvikrin Hair Cream) remain unchanged.

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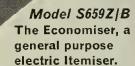
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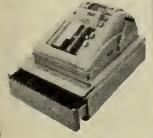
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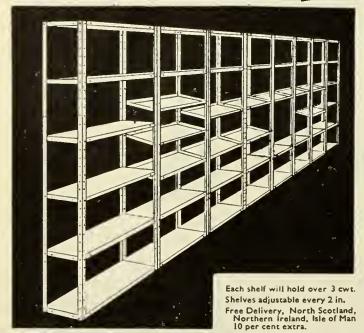
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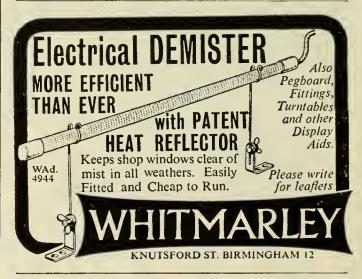
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Tie-up with the promotion now under way and secure extra profits



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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

THE WEEKLY NEWSPAPER FOR PHARMACY and all sections of the drug, pharmaceutical, fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and of the Pharmaceutical Society of Northern Ireland

Volume 180

December 7, 1963

No. 4373

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Volume 180

DECEMBER 7, 1963

No. 4373

Poisons Rules Changes

RECOMMENDATIONS BY POISONS BOARD

THE Home Office announces that it is proposed to amend the Poisons List Order and the Poisons Rules as follows to give effect to recommendations of the Poisons Board. Products affected are shown in parentheses.

Fluoroacetamide and fluoroacetanilide, will be added to Part I of the Poisons List and deleted from Part II. They will also be added to Rule 16(2) of the Poisons Rules and deleted from the Third Schedule and Part A of the Fifth Schedule to the Poisons Rules; the exemption from the First Schedule for solutions containing not more than 1 per cent. of fluoroacetamide or fluoroacetanilide and containing also acetamide and a bitter principle will be rescinded and appropriate amendments will be made to the forms of certificate in the Fourierth Schedule to the Poisons Rules.

2 Carperidine and dehydroemetine will be added to Part I of the Poisons List and to the First Schedule to the Poisons Rules.

3 Fentanyl; its salts will be added to Part I of the Poisons List and to the First Schedule and Part A of the Fourth

Schedule to the Poisons Rules.

4 The entry in Group II of the Third Schedule to the Poisons Rules relating to β -aminopropylbenzene; its salts, etc., will be deleted. This rescinds the exemption in respect of appliances "for inhalation in which the poison is absorbed in inert solid material."

5 The entry in Part B of the Fourth

Schedule to the Poisons Rules relating to pituitary gland will be amended so as to rescind the exception for lysine-

vaso pressin in inhalants.

6 Azinphosethyl, disulfoton, oxyde-meton-methyl, phorate and vamidothion will be added to Part II of the Po'sons List and to the First Schedule, Group II of the Third Schedule, Parts A and B of the Fifth Schedule, paragraph 6 of the Seventh Schedule, the Eighth Schedule and the Sixteenth Schedule to the

Poisons Rules.
7 The following 7 The following will be added to Part I of the Poisons List and to Part B of the Fourth Schedule to the Poisons

Acetohexamide (Dimelor).

Benzhexol; its salts (Artane, Pipanol). Benzphetamine; its salts (Didrex). Caramiphen; its salts (Parpanit, Taoryl).

Chloral; its addition and its condensation products; their molecular compounds (Welldorm, Somilan).

Cyclarbamate (Casmalon). Cycrimine (1-cyclopentyl-1-phenyl-3piperidinopropan-1-ol); its salts. Desipramine; its salts (Pertofran). Diaze pam (Valium). Ethotoin; its salts (Preganone). Methetoin; its salts.

Methixene; its salts (Tremonil). Methoin; its salts (Mesontoin). Etybenztropine (3-diphenylmethoxy-N-

ethylnortropane); its salts. N-Benzyl-N¹-pivaloyl-hydrazine; its salts.

Nortry ptyline; its salts (Aventyl, Allegron).

Orphenadrine; its salts (Disipal, Norflex).

Pargyline; its salts (Eutonyl).
Phenatine (a-methyl-N-phenethylnicotinamide); its salts.

Phencyclidine; its salts (Sernyl). Phentermine; its salts (Duromine). Phenylpropanolamine; its salts

(Propadrine, Procol). Phenytoin; its salts (Epanutin, Eptoin). Procyclidine; its salts (Kemadrin). Propylhexedrine; its salts (Benzedrex, Eventin).

Prothipendyl; its salts (Phrenotropin, Tolnate).

Quinethazone (Aquamox).

Tranylcypromine; its salts (Parnate, Parstelin).

2:2:2-Trichloroethyl alcohol, esters of; their salts (Tricloryl).

Trimipramine; its salts (Surmontil). 8 The following will be added to Group II of the Third Schedule to the Poisons Rules and thus exempted from the provisions of the Pharmacy and Poisons Act and Poisons Rules:—
(a) barium chloride when con-

tained in fire extinguishers.

(b) arsanilic acid when contained in poultry and pig feeding stuffs to a concentration not exceeding 0.01 per

(c) thyroxine when contained in iodinated casein and used in animal

feeding stuffs.

(d) sulphaquinoxaline when contained in preparations for the destruction of rats and mice to a concentration not exceeding 0.5 per cent.

Those wishing to make representa-tions to the Home Office about the recommendations should do so within three weeks.

Sales of Pesticides

SUCCESSFUL THIRD QUARTER

SALES of pesticides and allied products in the third quarter of 1963 were, at £3.7 millions, nearly £1 million (34½ per cent.) higher than in the corresponding quarter of 1962. All types of products shared in the rise and in the products shared in the rise, and in the main groups the increases were sub-stantial. Sales of insecticides were up by 22 per cent. (exports up 38 per cent.). Sales of fungicides rose by 34 per cent. (exports by 43 per cent.) and herbicides by 57 per cent. (though exports were only 29 per cent. higher than in the third quarter of 10(2). than in the third quarter of 1962). The comparisons are in terms of current value, but wholesale prices have shown little general change since early 1961.

Pharmacopæia 1963

FIRST ADDENDUM PLANNED FOR 1964

FIRST addendum to the British Pharmacopeia 1963 is planned for publication towards the end of 1964, and a programme for its preparation has been adopted. That is stated by the British Pharmacopæia Commission 1963-68 in its first report to the Pharmacopæia Committee of the General Medical Council. The publication of a second addendum in 1966 is envisaged. A number of amendments to the B.P.



ADDRESSING ANNUAL MEETING: Mr. N. A. J. Anderson, Portadown (president, Ulster Chemists' Association) speaking at the annual meeting of the Association in Belfast on November 27, Also in the group are Mr. J. F. Rankin (treasurer), Mrs. A. S. G. Watson, Belfast (vice-president) and Miss A. E. Strachan (secretary). A report appears on p. 599.

1963 have been authorised for publication by the Pharmacopæia Committee. They take effect on January 1, 1964, and include alterations in certain dates specified in the general notices con-cerning the use of metric and imperial strengths. In particular, the period in which retail pharmacists may supply preparations compounded in either system is extended from eighteen months to two years. Reported sales of the B.P. 1963 between July 1 and October 31 are 18,174 copies (compared with 19,434 for the 1953 and 17,951 for the 1958 editions in the same period).

Radioactive Substances

REGISTRATION PROCEDURES RELAXED

SERIES of Exemption Orders effective December 1 have been issued under the Radioactive Substances Act, 1960. The Radioactive Substances (Thorium X) Exemption Order 1963 cancels the registration requirement in the 1960 Act in respect of the keeping and use of radioactive material containing thorium-X "on premises of authorised sellers of poisons, for supply or sale or under arrangements made under the N.H.S. Act 1946." The exemption also applies to "premises of certain hospitals and nursing homes, for the medical treatment of patients, or for supply to them or to registered medical practi-tioners." The Order restricts the tioners." The Order restricts the amount of radioactive substance that may be kept on the premises and it lays down disposal methods in respect of radioactive waste. The Radioactive Substances (Hospitals' Waste) Exemption Order cancels the need for requiring authorisation to dispose of radioactive waste containing no strontium-90 and no alpha emitters and arising from the treatment of human patients. Methods and conditions of disposal are listed and records must be kept and retained for inspection. The exemption orders may be pur-chased from the Stationery Office, price eightpence each.

Nielsen Drug Index

EXCITING METHODS REQUIRED

THERE is an ever increasing need for the independent retail pharmacists to follow the lead of their multiple counterparts and introduce new and more exciting retail methods into their shops, states the Nielsen Drug Index Retailer's Report. Only in that way will the independent pharmacist be able to put a brake on the loss in the share of total business from which they have lately been suffering. The report points out that during the July-August period multiple pharmacies enjoyed a cash increase amounting to 7 per cent, whilst the independents were only able to attain an increase of 4 per cent. over The average weekly total last year. turnover by retail chemists during July-August was £5,910,000, 6.4 per cent, higher than the corresponding period of 1962. National Health Service receipts were again responsible for a larger percentage increase. The average weekly cash sales in retail pharmacies were:—Multiples, £441; large independents, £348; medium independents, £191; small independents, £100. Compared with the corresponding figures for 1962 the increased percentage changes were:—Multiples, 7; independents, 4. It was estimated that multiple pharmacies obtained 38.7 per cent. of the total turnover during the period whilst the large medium and small independents obtained 25.7, 19.7 and 15.9 per cent, respectively. The average weekly N.H.S. payments per shop were: - Large independents, £182; multiples, £151; medium independents, £117; and small independents, £68. During July independent pharmacies dispensed 68.3 per cent. of the National Health Service prescriptions (an average of 1,054 per shop per month), whilst the multiple pharmacies dispensed 31.7 per cent. (an average of 1,493 per shop per month). National Health Service payments amounted to 24.8 per cent, of the total turnover in multiple pharmacies and 34.6 per cent. in independents.

Agricultural Chemicals

MORE APPROVED PRODUCTS

THE Agricultural Departments of the United Kingdom announce that the following products have been approved under the Agricultural Chemicals Approval Scheme.

Fungicides

MERCURY - ORGANO - MERCURY COMPOUNDS. FORMULATIONS IN OIL: An organo-mercury compound formulated in oil specifically for the control on apple canker. Murphy canker paint (new) (Murphy Chemical Co., Ltd.).

QUINTOZENE DUSTS: Botrilex (Plant Protection,

2,4-D AMINE SALT FORMULATIONS: Peaks 2,4-DA (John Peak & Co., Ltd., Newton, Wigan). DALAPON SODIUM SALT FORMULATIONS: J.M.S. Dalapon (J. M. Stokes, Ltd.).

DICHLORPROP LIQUID FORMULATIONS: Peaks 2,4-DP (John Peak & Co., Ltd.).

MCPA POTASSIUM AND SODIUM SALT FORMU-

LATIONS: Peaks MCPA (John Peak & Co., Ltd.). MECOPROP POTASSIUM AND SODIUM SALT FORMULATIONS: Peaks CMPP-K (John Peak &

2,4,5-T WITH 2,4-D., ESTER FORMULATIONS: Stancide BWK 75 (S.D.C. Pesticides, Ltd.).

THIRAM DRY SEED DRESSINGS: Fernasan S (for use as a slurry) (Plant Protection, Ltd.),

British Standards

REVISED SPECIFICATION FOR SPERM OIL

A FURTHER revision (B.S. 997:1963) now completed gives requirements for crude mixed sperm oil and for filtered sperm oil. Both oils are defined. Technical requirements for five characteristics of crude mixed sperm oil and seven of filtered sperm oil are specified in separate sections; methods of test are described in eleven appendices. Since the standard for sperm oil was first published during the 1939-45 war, many changes have been made in the production of crude oils from sperm whales. Factory ships and new methods of analysis led to a revised standard in 1957. The requirements given in earlier editions for different grades of crude sperm oil are no longer necessary, the crude sperm oil usually available now being a mixed oil. Copies of the standard may be obtained from the B.S.I. Sales Branch, 2 Park Street, London,

W.1 (price 10s. each, postage extra to non-subscribers).

Sterilised Dressings

INCOMPLETE LABELS WARNING

A WARNING has been issued by the Central N.H.S. (Chemist Contractors) Committee that some packs of sterilised absorbent gauze have not been labelled, in accordance with the B.P.C. requirement, with a statement indicating that "the package shall not be issued if the wrapping is broken." The omission came to light following a recent N.H.S. test prescription. Pharmacists are advised to check labels on any sterilised dressing before supplying it to the public.

Electric Tooth-brushes

WHICH? REPORT

REPORTS on four electric tooth-brushes appear in the December issue of Which?, published by Consumers' Association, 14 Buckingham Street, London, W.C.2. It is stated that such brushes have been shown useful in keeping gums healthy but that if the user normally brushes the teeth thoroughly, nothing is likely to be gained except a saving in time and effort. There was "little to choose" between the two more expensive models (Broxodent and Ronson TB710) on the basis of cleaning action and ease of use, but the Ronson product is named the "better buy" on account of price.

IRISH NEWS

THE REPUBLIC

Cosmetics Association

FIRST MEETING HELD IN DUBLIN

CHEMISTS hold 60 per cent. of the cosmetics market, and it is vital financially that they should keep that business, said Mr. M. Brophy (chairman) at the first meeting of the newly formed Irish Chemists' Cosmetics Association held in Dublin recently. General pharmacy and dispensing, he continued, could not be depended upon to maintain the economics of the profession indefinitely so that it was necessary to develop the cosmetic business. After outlining the aims of the Association, Mr. Brophy said there was no similar organisation in existence in Britain, However, they intended to contact the National Pharmaceutical Union and similar organisations with a view to establishing one. Mrs. Marjorie Mannion (joint secretary) urged male pharmacists to take a more active interest in the cosmetic market. The chairman counselled "small chemists" not to develop an inferiority complex in the face of competition and urged those who had not joined the Association to forward the £1 annual subscription immediately. He assured them that the investment would ensure a generous return. Until membership was of sufficient strength negotiations could not

be entered into with manufacturers.

Officers of the Association are:—Chairman,
M. Brophy; Vice-chairman, N. O'Farrell;
Treasurer, E. Sullivan; Joint secretaries, Mrs. M. Mannion and T. Redmond, 57 Nutley Road,

Dublin.

IRISH BREVITIES

THE REPUBLIC

FLOOD water caused damage estimated at thousands of pounds at the premises of Brook Chemicals, Ltd., Clontarf Road, Dublin, on November 17, when, following heavy rains, a local river overflowed.

More than 300 Dublin senior secondary-school students attended a symposium on careers in chemistry held at the College of Science, University College, Dublin, on November 1. The symposium was organised by the Dublin section of the Royal Institute of Chemistry.

THE NORTH

REPRESENTATIVES of the medical and dental professions and pharmaceutical organisations were among the many distinguished guests that attended a successful dance in aid of the Northern Ireland Chemists' Benevolent Fund, held in Belfast on November 14. The dance was organised by a committee under the chairmanship of Mr. W. J. Moffett, Mr. H. Mahood acted as master of ceremonies.

NEWS IN BRIEF

THE Council of Industrial Design, 28 Haymarket, London, S.W.1, has published its annual report for 1962-63 (price, 3s.).

THE first World Health Organisation committee on the prevention of cancer met in Geneva, Switzerland, on November 19. Dr. W. R. S. Doll (Medical Research Council) was elected chairman.

COSMETICS and razor blades valued at £300 were stolen recently from the premises of G. B. Osborne, Chemists, Ltd., Wokingham Road, Reading, Berks. The thieves gained entry by forcing a rear window.

THE Board of Trade is considering an application for the allowance of drawback of duty on imported maize and milo starches when used in dextrines; soluble and other modified starches; and starch adhesives (plain or compounded), for export.

BREAKING into the pharmacy of John Dent (Chemists), Ltd., at Newbold Village, Chesterfield, in a night raid, thieves got away with a large quantity of tablets of phenobarbitone, Nembutal, cyclobarbitone and Tuinal, as well as a quantity of good quality perfume, razor blades and other goods.

THE Consumer Council has stated that it regards stamp trading in its present form as undesirable. However, it believes that consumers should have the right to choose between retailers competing by various methods. The Distributive Trades Alliance (formed to voice views on the undesirability of trading stamps) states that it has no policy regarding resale price maintenance, whatever may be the personal opinions of its members on that subject.

LOCAL OFFICERS

CHEMISTS' ASSOCIATION

Portsmouth.—President, C. J. Price; Vice-president, P. H. Smith; Treasurer, J. P. Barlow; Secretary, E. W. Morley, 1 Victoria Road South, Southsea, Hants.

TOPICAL REFLECTIONS

By Xrayser

Inspiration

It was something of an inspiration to invite Mr. L. G. Matthews to present the prizes at Leicester College of Technology recently, for it gave that keen historian an opportunity of inviting his young audience to look at the past when, at the zenith of their academic career, they have their eyes fixed on the future and all that it holds (p. 586). Mr. Matthews is, of course, to those students, more than a mere historian. He is history personified, for does he not belong to a generation which had more in common with the eighteenth century druggist than the present-day student has with that same generation? I do not for one moment suggest that Mr. Matthews or his contemporaries have not advanced in line with the march of events, or that their knowledge stopped short at the stage at which they themselves qualified. Far from it. The fact that those who entered pharmacy with a paternal pat on the shoulder from old Galen himself is no indication that they are not eminently efficient in the discharge of their present-day tasks, though they are largely self-taught in the contemporary field of pharmacy and medicine. It says a great deal for the basic training of the late Galen era that they have been able to adapt their skills and their knowledge of the principles of pharmacy to the changed conditions of today. But Mr. Matthews was right to attempt to arouse the enthusiasm of the young pharmacist in the history of his calling. We cannot possibly know where we are, or where we are going, if we are ignorant of where we came from. And it is just in such simple incidents as that in connection with the story of Colchester candied sea-holly root that we find the excitement of the chase-nothing perhaps of great importance, but the final establishment of one more fact for the history books. It is often only idle curiosity in the first place which produces the historian of the future. Unfortunately, the pace of modern life leaves little time for the exercise of idle curiosity.

Sea-holly

Sea-holly is stated in the old herbals to be a useful plant, the root of which was used as a mild balsamic pectoral. It is described as mild and mucilaginous and it "enters," to use the dignified word of the time, as an ingredient in what was commonly called artificial asses' milk. To prepare that, an ounce of hartshorn shavings was boiled in a quart of barley water until the volume had been reduced to one pint. At that point two ounces of candied eryngo root (i.e. sea-holly) and a pint of new milk were added and the whole boiled for quarter of an hour. Another formula was similar, but had in addition to barley, sago and rice. A tablespoonful of that decoction was put into a coffee cup of boiling milk, to the consistence of cream, and sweetened with loaf or Lisbon sugar to taste. Everything had a use in those days.

Keeping in touch

In his address to the Cheltenham branch, the president of the Pharmaceutical Society (Mr. C. W. Maplethorpe) stressed the need for the retail pharmacist keeping in touch with the public and the doctor (p. 585). He also said that the pharmacist should be at the counter of his shop and not out of sight in the dispensary any more than could be helped. Much dispensing, he added, could readily be carried out under supervision, but advice on the proper use of drugs could be given only by the pharmacist. In the smaller type of pharmacy that is an extremely difficult thing to do. Unless there is complete separation of the pharmaceutical and cosmetic sides of the business, it is virtually impossible, at busy times, for the pharmacist to avoid becoming entangled in the colourful and time-consuming world of lipsticks and powders, during which time a customer awaiting a prescription might wonder at the spectacle presented by a professional man so engaged. An answer will have to be found one day, whether it be in the terms of the report of the Committee on the General Practice of Pharmacy in its recommendations on departmentalisation, or otherwise.

British Pharmaceutical Codex 1963

AMENDMENTS AND CORRIGENDA

THE Council of the Pharmaceutical Society of Great Britain has authorised the publication of the following amendments to the British Pharmaceufollowing tical Codex, 1963:—

AMENDMENTS GENERAL NOTICES

Page xxxiv, Lines 3-6. Amend to: "supplied after July 31, 1965 in the case of a manufacturer or wholesale dealer, or after January 31, 1966 in the ease of a retail dealer. Between January 1, 1964 and July 31, 1965 in the case of a manufaeturer or wholesale dealer, or January 31, 1966 in the ease of a retail dealer, the observance of the following transitional provisions is permissible: "

PART I

BACITRACIN: Page 62. Dose. Amend the dose as an intestinal antiseptic to 20,000 units every four hours.

BACITRACIN ZINC: Page 63. Delete the test for undue toxicity.

CHLOROQUINE PHOSPHATE: Page 168. Preparations. Tablets of Chloroquine Phosphate B.P. Amend to read: "These tablets may be sugar coated. Unless other-These tabwise specified, tablets each containing 250 milligrams of ehloroquine phosphate will

CHLOROQUINE SULPHATE: Page 169. Preparations. Tablets of Chloroquine Sulphate B.P. Amend to read: "These tablets may be compression coated. Unless otherwise specified, tablets each containing 200 milligrams of chloroquine sulphate will be supplied."

CHLORPHENESIN: Page 173. Amend the melting-point to 79° to 81°.

COD-LIVER OIL: Page 202. Line 14. Add: "It may contain up to 100 parts per million of dodecyl gallate, octyl gallate or propyl gallate, or any mixture of these substances, as an antoxidant.

PROTAMINE ZINC INSULIN INJECTION: Page 386. Amend the proportion of protamine sulphate for each 100 units to 1.0 to 1.7 mg.

Magnesium trisilicate: Page 447. Second paragraph. Amend the statement "Magnesium trisilicate contains to read: 29.5 to 32.0 per cent. of MgO and 65.0 to 68.5 per cent. of SiO₂, both calculated with reference to the ignited substance.

NANDROLONE PHENYLPROPIONATE: Page 512. Action and uses. Amend the first sentence to read: "Nandrolone phenylpropionate has the action and uses described under Methandienone, but it is not active when given by mouth." Add at the end of the first paragraph: "Jaundice has not been reported after its use.'

PARACETAMOL: Page 564. Delete the statement relating to the pH of a saturated solution in water.

PHENTOLAMINE METHANESULPHONATE: Page 610. Line 1. Amend: "20 milligrams" to "5 milligrams."

PHYTOMENADIONE: Page 621. Amend to: As an antidote to anticoagulants other than heparin: 5 to 20 milligrams by mouth; 5 to 20 milligrams by intravenous or intramuseular injection, repeated in a few hours. For hæmorrhagic disease of the newborn: 0.5 to 1 milligram by intramuscular or intravenous

SURAMIN: Page 817. Delete the statement relating to the pH of a 1.0 per cent. solution in water.

PART V

STANDARD DRESSINGS, Nos. 13, 14 and 15: Pages 1027, 1028, 1029. Description. Penultimate line. Delcte "when woven tubular.'

Part VI

EYE-DROPS OF AMETHOCAINE; EYE-DROPS OF ATROPINE METHONITRATE; EYE-DROPS OF ATROPINE SULPHATE; EYE-DROPS OF CHLOR-AMPHENICOL; EYE-DROPS OF COCAINE; EYE-DROPS OF COCAINE AND HOMATROPINE; EYE-DROPS OF HOMATROPINE; EYE-DROPS OF HYOSCINE; EYE-DROPS OF LACHESINE; EYE-DROPS OF PHYSOSTIGMINE; EYE-DROPS OF PILOCARPINE; EYE-DROPS OF SUL-PHACETAMIDE; EYE-DROPS OF SULPHACET-AMIDE, STRONG: Pages 1070-1079. Formulæ: De'ete ehloroeresol 0.05 g., ½ gr. Replace

purified water by solution for eye-drops. EYE-DROPS OF MILD SILVER PROTEIN: Page 1075. EYE-DROPS OF SILVER PROTEIN: Page 1078. Formulæ. Delete chloroeresol 0.05 g., ½ gr. Replace purified water by purified water, sterilised.

EYE-DROPS OF ZINC SULPHATE: Page 1080. Formula. Delete chlorocresol 0.05 g., $\frac{1}{4}$ gr.

EYE-DROPS OF ZINC SULPHATE AND ADREN-ALINE: Page 1080. Formula. Replace ehloroeresol 0.05 g., $\frac{1}{4}$ gr. by ehlorbutol 0.25 gramme, 1 1/10 gr.

LINIMENT OF SOAP: Page 1121. Formula. Amend the quantity of potassium hydroxide solution to 140 ml. Page 1122. Replace "potassium hydroxide solution until one drop... is required." by "the potassium hydroxide solution." **Standard**. Replace test for alkalinity by the following: "Alkalinity p_H , 7.4 to 8.0."

LOZENGES OF BISMUTH, COMPOUND: Page 1129. Delete: "Each lozenge weighs about 1 gramme."

LOZENGES OF LIQUORICE: Page 1131. Delete: "Each lozenge weighs about 1.5 grammes."

MIXTURE OF SUCCINYLSULPHATHIAZOLE FOR INFANTS: Page 1159. Formula. After sodium carboxymethylcellulose 50 add: or compound tragaeanth powder 9.1 g. ½ gr. Page 1160. After "sodium carboxymethylcellulose 50" add: "or compound tragacanth powder."

MIXTURE OF SULPHADIMIDINE FOR INFANTS: Page 1160. Formula. After sodium earboxymethyleellulose 50 add: compound tragacanth powder 36.6 g. 2 gr. After "sodium carboxymethylcellulose 50" add: "or compound tragacanth " or compound tragacanth powder."

OINTMENT OF CAPSICUM: Page 1168. Content of capsaicin. Amend limits to 0.12 to 0.19 per cent.

Page 1200. Before Solution of Ferric Chloride, strong, insert:-

SOLUTION FOR EYE-DROPS (Liquor pro Guttis; Liq. pro Gutt.)

Metric Imperial Methyl hydroxybenzoate 229 mg. 1 gr. Propvi hydroxybenzoate 114 mg. 3 gr. Purified water to 1,000 ml. to 10 fl. oz.

With aseptic precautions, dissolve the methyl hydroxybenzoate and the propyl hydroxybenzoate in boiling purified water, cool, and add sufficient freshly boiled and cooled purified water to produce the required volume. TABLETS OF ANEURINE, COMPOUND, STRONG: Page 1238. Delete: "at the same rate of flow.

Antimony Solution, Standard: Pag 1292. Amend: "2.742 g." to "2.669 g.

APPENDIX 17

METHOD FOR DRIED YEAST AND YEAST TABLETS: Page 1335, line 2. Amend: "about 1 g. of sample" to "about 0.5 g. of sample," Lines 6-7. Amend: "a potent stareh-digesting enzyme" to "a suitable source of phosphatase, such as Taka-diastase or Clarase." Line 2, from foot. Amend: "about 1 g. of sample" to "about 0.5 g. of sample." Amend: "0.1 mg, of aneurine hydrochloride" to "0.05 mg, of aneurine hydrochloride."

CORRIGENDA

Page xxii, line 21. For testosterone phenylpropionate read testosterone phenylpro-

Page xxvii, lines 10-12. Delete entry for Part VI. Formulary: Lozenges of Benzylpenicillin.

Page 459. Delete double bond in fivemembered heteroeyclic ring.

Page 525, line 24. For nitrofurazone read 5-nitrofurfurylazine.

Page 564, line 6. For 162° read 169°.

Page 590, line 16. After 1.5 per cent. insert w/w.

Page 633, before line 9 from foot. Insert Injection of Pituitary (Posterior Lobe), B.P.C. A sterile aqueous solution prepared from powdered pituitary (posterior lobe). Contains 10 units of oxytocic activity in 1 millilitre.

Page 858, line 9. For C24H30FO6 read $C_{24}H_{31}FO_{6}$

Page 1073, line 5 from foot. Owing to faulty type, the imperial quantity of phenylmercuric nitrate appears in some early copies of the book as, 7/80 gr., instead of the correct figure of 7/800 gr.

Page 1082, lines 1, 23, and 41. containers and storage; read containers. Page 1083, line 25. For containers and

storage; read containers.

Page 1096, line 3. Delete dapsone injection.

Page 1158, line 15. For 40 ml. read 400

Line 17. For 40 ml. read 100 ml. Page 1160, after line 13. Insert Labelling. The directions given under mixtures

should be followed. Page 1213, line 9. For w/w read w/v. Line 10. After lemon oil insert, using 10

Page 1236, line 1. For 0.0015 g. to 0.0019 g.

0019 g. read 0.0013 g. to 0.0017 g. Page 1237, lines 8-9. Delete and measuring the extinction of a 4 cm. layer in place of a 1 cm. layer of the solution in N/200 hydrochloric aeid at 261 m μ .

Page 1299, line 1. For 0.751 read 0.3755. For 0.585 read 0.2925.

Page 1351, line 21 from foot. V x 0.002 x 100 read V x 0.002 x 100 x 2.

 $S \times W$

Page 1409, line 8. After phenelzine tablets insert phenethicillin potassium ... 589. Page 1432, line 28. For white lint...1001 read white lint...1002.

INFORMATION WANTED

The Editor would appreciate information about : Doll nail clippers

N.H.S. CONTRACTORS COMMITTEE

Recent activities reported

A DETAILED report of the meeting with the Permanent Secretary and officers of the Ministry of Health and the industrial consultants was considered by the Central N.H.S. (Chemist Contractors) Committee when it met on November 26. A letter sent to the Permanent Secretary after that meeting was approved. A further meeting having been arranged for November 29, it was agreed that the full Committee should meet on December 9.

Correspondence from the Ministry of Health on discount allowed on proprietary preparation; analysis of returns from oxygen and inquiries concerning the claim for increased remuneration for the supply of oxygen and oxygen equipment; claim for increased container allowance; forged prescriptions, and rota notices was considered.

THE SECRETARY reported that the Ministry had been asked whether it was proposed to adopt the B.N.F. 1963 recommendation that "Tablets should be kept and dispensed in air-tight containers which give adequate physical protection." Any change in the types of containers used in practice to reflect that recommendation, and the B.P.C. and B.P. 1963 requirements would necessitate a review of the container allowance.

Contractors' complaints about the unnecessary return of forms E.C.10 by certain of the pricing bureaux were considered and it was decided that appropriate representations be made to the Joint Pricing Committee for England. The Secretary reported that the Ministry had agreed that where there had been a change in the formula of a preparation in the B.N.F. 1963 a chemist contractor may, for a period of one month before and one month after January 1, 1964, dispense either formula for the preparation.

THE CHAIRMAN reported that following the publication of a letter written by a representative member of the British Dental Association expressing the view that doctors and dentists were the only workers who received less pay for more work, he had sent a letter to the Editor of *The Guardian* pointing out the position in retail pharmacy.

Other items considered included the change to the metric system; endorsement of Forms E.C. 10; elastic hosiery orders on forms E.C.10; the legal interpretation of paragraph 4 (ii) of the Hours of Service scheme; dispensing in rural areas; Service Committee procedure; representations about the prices quoted in M.I.M.S., and the drug testing scheme.

and promotion was that pharmacists had further to subsidise the health scheme by carrying excessive stocks of

drugs.

Despite that pessimistic picture, the president said he still had a love for his calling and optimism for the future. He had felt privileged to hold the position of president and had had loyal support from all members of the executive committee. Miss Strachan and the other members of office staff had carried out their duties admirably.

Earlier, the president had welcomed Mr. N. C. Cooper (president of the Pharmaceutical Society of Northern Ireland). The report of the executive committee was adopted on the motion of Mr. H. G. Campbell, seconded by Mr. T. A. Gibson, and the financial statement presented by the treasurer (Mr. J. F. Rankin) was approved on the motion of Mr. W. H. Boyd, seconded by Mr. W. J. Moffett.

No new candidates having been nominated for election to the executive committee, THE PRESIDENT declared the following seven retiring members reelected for a further period of three years:—Miss D. Hall, Messrs. B. J. Deeny, W. L. McDonnell, J. K. McGregor, W. J. Moffett, J. Paul and

A. Templeton.

Apologies for absence were received from Messrs. S. Cooper, W. S. Hall, M. W. Henderson, J. A. McRoberts, W. C. Magee, J. D. Morrison, C. L. G. Rattie, Jos. Wellwood.

After the president's address, Mr. J. K. McGregor gave a report of the work of the action committee and told of the agreement that a margin profit of $33\frac{1}{3}$ per cent. was essential for chemists on all proprietary lines. The committee hoped that members would back them in the effort to procure that margin by refusing to handle new preparations unless they carried $33\frac{1}{3}$ per cent. on single items. Mr. J. A. BOYLE, Armagh, felt that the action committee should first endeavour to get legislation making it illegal for non-pharmacists to sell medicaments. Other bodies, he said, had procured legislation to protect them. It was pointed out that approaches made to the Government throughout past years had met with no success, although in other countries the necessity for medicines to be sold only by pharmacists was fully recognised. Pursuing the question of profit margins, Mr. Boyle complained of price-cutting by a few members in his area. Mr. H. W. GAMBLE suggested that it might be an advantage to widen the activities of the Armagh Chemists' Association to include the surrounding area. Mr. W. F. Mansfield, Coleraine, supported that idea from the experience gained by the North-east Ulster Association.

THE SECRETARY read a letter from Mr. B. Rankin (secretary, Newry Chemists' Association) protesting against the recent increase in the U.C.A. annual subscription. Mr. Rankin said that members felt that they were getting little in return for the outlay. The price list was inadequate and should cover a much larger range of drugs, including more out-of-the-way drugs. Mr. W. J. MOFFETT replied that when the current list was being prepared, the Committee invited the views of all local associations

ULSTER CHEMISTS' ASSOCIATION

Annual meeting in Belfast

ONLY two reasons could be advanced, said THE PRESIDENT (Mr. N. A. J. Anderson) at the annual meeting of the Ulster Chemists' Association held in Belfast on November 27, for the small proportion of members present (only fifty from a membership of 670). The first, which he hoped was correct, was that most members were content with their lot, an interpretation that should be flattering to members of the executive committee who had spent much time and effort to improve members' position. The other interpretation would be apathy, a condition that caused much difficulty in any body in maintaining the present position, let alone improving upon it. Mr. Anderson hoped that future presidents would find the new hall (in which the meeting was being held) filled to capacity at the meetings over which they would preside. Speaking of the move from Waring Street, he said that the dignified appearance of the new premises would do much to uplift the status of the Association.

Reviewing the present trading position of pharmacy, the president said that big business "tycoons" were displaying and selling much of the merchandise that it used to be the pharmacist's prerogative to sell. Nothing could be done about that so far as sundries and cosmetics were concerned, except to copy the best features of their modern methods of display. But something could be done about products that should only be sold through pharmacists. The problem could be attacked at source (i.e. the manufacturer). The Association's action committee, under the chairmanship of Mr. K. McGregor,

had called many manufacturers to task, asking them to amend their policies. or else! The executive committee, in turn, asked for co-operation from members in dealing with unscrupulous manufacturers who endeavoured to launch their ostensibly pharmaceutical products through grocery establishments. "We ask you to take one of two courses: throw out the representatives of such firms or contact the U.C.A. for guidance. Do not be misled by tempting opening offers; order a few only from the wholesaler if you feel you must meet the demand for nationally advertised goods." There remained many excellent manufacturing firms whose policy was loyally pro-pharmacist. Those should be supported. That might mean more salesmanship, but the effort was surely well worth while, and the product usually showed a better profit. The trading-stamp salesman, advised the president, should be "given the 'licking' he deserves.'

Turning to dispensary matters, he suggested "a sane approach to drug production" that would lead to a reduction in the cost of running the National Health Service; produce more effective and less dangerous drugs; and reduce their multiplicity. His idea would be to set up a national drug manufacturing laboratory in which, with the cooperation of pharmaceutical manufacturing companies and medical research teams, the most effective drugs for specific ailments could be formulated, manufactured and packed in convenient sizes relevant to the normal course required for the patient. At present, the outcome of all the competitive research

and it was agreed by the majority that the out-of-the-way drugs should be deleted. MR. W. L. MCDONNELL said that if Mr. Rankin would give the secretary a list of items about which he complained, the executive committee would endeavour to rectify the list. MR. F. E. WHITCROFT said that the protest stemmed from the last meeting held in Newry when those present could find no reason why they should be members of the U.C.A. The Association did nothing to alleviate the unsatisfactory situation in which pharmacists found themselves under the health services. They felt that there was no incentive to give the first-class service they have always given, and it was time that a firm stand be taken to opt out of the health service scheme. However, it was pointed out that the Association being only a trading body, could not undertake to negotiate for the health services, as there were contractors outside it. The Local Pharmaceutical Committee had been set up under the 1948 Act, and was fully representative of all contractors

The Association could, of course, forward resolutions from its members to the L.P.C. MR. W. F. MANSFIELD, de-fending the U.C.A., said that the Association had done a wonderful job on behalf of pharmacists in Northern Ire-

land and he was amazed that chemists should think of leaving it. MR. J. A. BROWN proposed, and MR. J. A. BOYLE seconded, that the U.C.A. should hold a general meeting of members for the discussion of health services only, at which the L.P.C. could attend if they so desired. Mrs. A. S. G. Watson (vicepresident) said that the executive committee appreciated members travelling some distance to put their views before the Association, but she was sorry they had missed the U.C.A. conference at Portrush. There they would have found great help from the talk given by Mr. M. M. McNeill of the Pharmaceutical Standing Committee, Scotland.
MR. J. MORLEY THOMPSON, proposing

a vote of thanks to the president for his services during the year and his control of the meeting, said Mr. Anderson had done excellent work and had travelled many miles to attend all meetings. He recommended a greater attendance at the U.C.A. conference, which provided opportunity to get to know members better and to learn of the work of the Association. Mr. J. A. W. SHINNER

seconded the motion.

MR. H. BAIRD proposed and MR. J. KERR seconded a vote of thanks to the executive committee, treasurer and the auditors (Mr. J. A. McRoberts and Mr. R. C. McCullough).

N.P.U. EXECUTIVE

Members warned against "cut-price" antibiotics

THE National Pharmaceutical Union is warning its members about the possible consequence of buying "cut-price" antibiotics from unlicensed sources. That decision was taken at a meeting of the Executive Council on November 27 following a report that confusion existed because of conflicting circulatory letters distributed recently by manufacturers. The Committee also considered further the present campaign to introduce American type stamp trading into the British retail distributive trades and decided that the N.P.U. should join the Distributive Trades Alliance, and support the policy of the Alliance of resisting stamp trading.

Consideration was given to a report on the arrangements which had been made by the N.P.U. to provide facts and figures to support the hospital pharmacists' salary claim and for the secretary (Mr. J. Wright) to attend the Industrial Court Hearing as witness for

the hospital pharmacists.

The Committee re-affirmed its policy decision that there should be no differential between the salaries for male and female pharmacists in the J.I.C. Agreement for Pharmacists. The secretary was instructed to report that decision to the National Association of Women Pharmacists and to the Multiple and Co-operative Pharmacy representatives on the Employers' Side of the J.I.C.

THE SECRETARY reported that the

Home Office had sought the opinion of the N.P.U. on whether toilet goods should be on free sale from outlets open on Sundays. The Committee were replying that there was no evidence of a substantial demand for such items on Sundays and that the law should not be changed.

A detailed report of an N.P.U. staff

training conference, held in conjunction with the Swansea N.P.U. Branch on November 14, was presented. At the afternoon session which had been open to pharmacists and their staff, there were approximately eighty present. In the evening, over forty N.P.U. members attended for a talk on staff relation-ships. Members in the Swansea area whose staff had attended the course reported that it had stimulated an increased interest in the work of their staff and provided a real opening for them to use the N.P.U. staff training course to greater effect. It was decided that a second experimental conference should be arranged to cover the North

London area at a suitable date in February 1964.

Marketing Policy Matters
The N.P.U. Executive also report that there has been a frank exchange of views between the Committee and The British Drug Houses, Ltd., both in correspondence and when a director the company met the Marketing Policy Committee. As a result the N.P.U. Executive Committee have accepted an assurance given by B.D.H. Ltd., that the company had no intention of changing its policy of distributing through retail pharmacy channels unless forced to do so through changes in the whole pattern of retail distribution.

Members of the Committee have conveyed to the sales director of Gibbs-Pepsodent, Ltd., their objections to merchandising schemes involving vouchers, money-off, and free gifts, and the sales director had expressed concern about some aspects of retail pharmacy distribution. It was agreed that consideration should be given to ways in which the Committee and the manufacturer could co-operate in the future

Proposals for the method of the production of a booklet on the National Pharmacy Modernisation Project were agreed and a subcommittee set up to consider the detailed contents of the booklet. It is expected that the booklet

will be completed early in the new year.

A branch of the N.P.U. had raised the question of the sale of oral contraceptives at reduced prices by clinics and some doctors. It was suggested that some doctors were selling trade samples to their patients at prices below the recommended retail price. The branch also deplored the arrangements by which clinics made available oral contraceptives at net cost price. It was said that doctors were encouraged to sell contraceptives direct to their oral patients because more advantageous terms were offered by the manufacturers to doctors than were offered to retail The committee decided pharmacists. that representations should be made to the manufacturers concerned and to the Pharmaceutical Society on the legal aspects of the problem.

RESOLUTIONS FROM THE NORTH

Newcastle Branch has a busy evening

THREE resolutions for submission to the 1964 Branch Representatives Meeting were passed at a meeting of the Newcastle and Northumberland Branch of the Pharmaceutical Society held on November 21. The first was:
That the Council should make strong repre-

sentations to the Poisons Board to effect inclusion of aspirin in Part I of the Poisons List.

Proposing the resolution MR. M. CRANE cited the side effects of aspirin and the numcrous cases of aspirin suicide. The type of customer buying large quantities of aspirin for that purpose was more likely to be spotted by a pharmacist. During the discussion it was pointed out that pharmacists would have to adopt a responsible attitude towards the sale of aspirin especially with regard to the quantity sold to each customer. MR. R. DICKINSON proposed:

That pharmacists should not display or recommend products for which false claims are He said that any recommendation should be made by the pharmacist or under his close supervision and should be based on sound therapeutic considerations, not influenced by the profit margin or amount of advertising. The

third resolution was:
That delegates should express their willingness to accept disciplinary action in order to protect their ethical standards and increase the

professional status of pharmacy,

THE PROPOSER reminded the meeting that a resolution from the Newcastle Branch concerning the strengthening of the Statement upon Matters of Pro-fessional Conduct had been passed by the representatives' meeting. The present resolution would give the Council further support. A member was concerned at the lack of a scale of penal-ties. It was suggested that one method would be to vary the length of time elapsing before an application could be made for reinstatement.

The following members were elec-

ted to represent the Branch at the 1964 representatives' meeting: Messrs. M. Crane, R. Dickinson, J. L. Livingstone, J. E. Robinson, J. G. Robson. Mr. Dickinson was elected to discuss the resolutions with headquarters if that were necessary before May.

Pharmacy in Scandinavia

Following the business meeting MR. A. McGuckin gave a talk on "Pharmacy in Scandinavia and Western Europe." He said that in Norway, Sweden, Denmark, Finland, Holland and Belgium, pharmacies were rigidly controlled by Societies of Apothekes. The apotheke was the owner of a pharmacy; he must be qualified and

may have other pharmacists working under his direction. Most were men and they had usually served in pharmacy as qualified assistants for twenty or twenty-five years, the concession to open and operate a pharmacy being strictly limited by the Government or the Crown. In Western Europe (except Western Germany) the sale of medicines was confined to pharmacies but the societies controlled their members so rigidly that a breach of professional conduct was almost unheard of. The pharmacist on the Continent was held in much higher esteem than in Britain.

It was interesting to note that in Scandinavia the sale of herbs and similar articles was prevalent yet in Western Germany, Holland and Belgium it had almost died out. On the other hand, the sale of homeopathic remedies in Western Germany, Holland and Belgium, formed quite a substantial part of the pharmacist's turnover. The speaker emphasised in conclusion that his remarks were merely one pharmacist's impressions.

In answer to questions Mr. McGuckin said that the only country he had visited in which pharmacists were allowed to advertise at all was West Germany. Business training for pharmacists was obtained partly in the academic course but mainly in the considerable time that every pharmacist must serve as a qualified assistant.

IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

THE Contracts of Employment Act, 1963 (see C. & D., August 31, p. 204) is to come into force on July 6, 1964. MR. J. B. Godber (Minister of Labour) gave that information to Mr. K. Lewis on November 27.

Hospital Pharmacy Service

DR. B. STROSS asked the Minister of Health if he would treat the hospital pharmacy service as part of the scientific side of the Health Service rather than the administrative side when discussions on salary scales took place. He also wanted to know if the Minister was aware that hospital pharmacists were concerned at their present salary level and asked what action he was taking to increase the general scale of remuneration. MR. B. BRAINE (Joint Parliamentary Secretary, Ministry of Health) in a written answer on December 2, said that the remuneration of hospital pharmacists was a matter for Committee C of the Pharmaceutical Whitley Council. He understood that a claim for substantially increased salaries would be heard by the Industrial Court on December 11.

Registration of Pharmacists

Mr. J. Hall asked the Minister of Health what representations he had received requesting amendment of Section 14 of the Pharmacy Act, 1954, from pharmaceutical chemists, who, by reason of their religious beliefs, refused to become members of the Pharmaceutical Society and in consequence had their names removed from the register and deprived of their means of livelihood. MR. BRAINE in a written answer on December 2 said that the previous Minister of Health was asked by two pharmacists on behalf of others similarly affected to introduce amending legislation. They were told that the most appropriate way in which their difficulties might be considered by Parliament was by way of a Private Member's Bill.

Sterile Syringes

DR. D. MABON asked the Minister of Health if he would make a statement on the provision of a free service of sterile syringes for use in the general medical service. MR. BRAINE in a written answer on December 2 said that the Minister had authorised hospitals to provide sterile syringes free of

charge to general practitioners for taking specimens for examination in hospital laboratories.

Oral Contraceptives

MR. R. W. SORENSEN asked the Minister of Health what further reports he had received in respect of the efficiency and any deleterious side-effects of oral contraceptives. MR. ANTHONY BARBER'S (Minister of Health) written reply on December 2 was "None."

Pesticides

MR. G. J. M. LONGDEN asked the Minister of Agriculture if he had yet received a further opinion from the Advisory Committee on Poisonous Substances used in agriculture and food storage on the effect of the use of pesticides on human and wild life. MR. C. SOAMES (Minister of Agriculture) in a written answer on December 2, stated. "Not yet." He was hoping that the Committee might be able to complete their review of the chlorinated hydrocarbons early in 1964. He proposed to publish the Committee's report and to make a statement on it then.

Bronchitis

MR. ELLIS SMITH asked if the Minister of Health had any plans for the compulsory use of antibiotics as part of preventive treatment for bronchitis and Mr. BERNARD BRAINE on November 26 said that the Minister of Health was awaiting the advice or recommendations of the Standing Medical Advisory Committee. The prescribing of antibiotics was for the individual doctor to decide. Mr. Smith also asked the Minister of Health to provide figures in tabular form on the comparative cost of providing medicine as preventive treatment for bronchitis in hospital practice, compared with domi-ciliary practice, and similar figures for the provision of tetracycline and ampicillin, Mr. Braine's reply was to the effect that tetracycline and ampicillin were the preparations most commonly used for such treatment and the cost of treatment depended on the quantity required.

Hire-Purchase Bill

LORD DRUMALBYN introduced the Hire-Purchase (No. 2) Bill in the House of Lords on November 27 and it was read a first time (see p. 602).

Trading Stamps

MR. E. J. MILNE asked the Minister for Industry and Trade if he would introduce legislation to protect shops, distributive and other workers from the effects of trading stamp schemes. MR. E. HEATH (Minister for Industry and Trade) in a written reply on November 28 stated that he had seen no evidence that such legislation was necessary. MR. R. J. LEDGER asked Mr. Heath if his department had received correspondence concerning the need of legislation to control stamp trading and MR. HEATH told him that since February, eighteen communications had been received asking for such legislation of which nine were sent through members of Parliament. Nine were from or on behalf of trade associations or individual traders and nine were received from consumers.

Restrictive Trade Practices

MR. DOUGLAS JAY asked the Minister for Industry and Trade when the Government proposed to state its policy on monopolies, mergers and restrictive trade practices. In a written answer on November 28 MR. HEATH stated that he hoped to be able to make a statement "on these difficult matters before long."

There was a second reading of the Plant Varieties and Seeds Bill in the House of Lords on November 26.

Resale Price Maintenance

In the House of Lords on December 3. LORD DRUMALBYN (Minister of State, Board of Trade) told Lord Lucas that he hoped to make a statement before long about the Government's conclusions on resale price maintenance. LORD LUCAS said that it was through "the persistent and stubborn continuation of resale price maintenance that the pernicious system of stamp trading had grown." Would it not be fairer to the trading community if they were given the freedom to reduce resale prices? LORD DRUMALBYN said he was not certain there was any correlation. believed there were some parts of the world where price maintenance was not permitted yet stamps were given. The repeal of section 25 of the Restrictive Trade Practices Act would not necessarily mean an end to the practice of resale price maintenance.

COMPANY NEWS

Previous year's figures in parentheses

1NTERNATIONAL CHEMICAL CO., LTD.—Mr. Ronald E. Gay has been appointed to the board

LEWIS & BURROWS, LTD.—No dividend on Ordinary for year ended March 31 (same). Group loss was £193,225 (loss £162,362). Tax nil (credit £127). Surplus on sales of properties during year £238,400 (£74,981) and goodwill written off £139,775 (nil) not included in above figures.

LEWIS & PEAT, LTD.—A 5 per cent. interim (the same as last year's equivalent) is being paid and a final of not less than 15 per cent. (equivalent to the previous year's figure) is forecast. Profits for the current year are up on last year to date, and the outlook for the remainder of the year is regarded as satisfactory.

UNILEVER, LTD.—The group's soap and detergent business in the United Kingdom is to be integrated into one new company — Lever Brothers & Associates, Ltd.—by the amalgamation of the present Lever Brothers & Associates (marketing company) and Lever Brothers, Port Sunlight (manufacturing company). The new company will become managing agents of the soap manufacturing business of Joseph Crosfield & Sons, Ltd., Warrington. Management of the new company will be directed from Lever House, London, under the chairmanship of Mr. W. H. Gibbs, the head of

the Unilever United Kingdom soap and detergent business.

LAPORTE INDUSTRIES, LTD.—The half-yearly statement shows group income, before taxation, of £1,306,000 in the six months ended September 30, representing an increase of £238,000 (22 per cent.) over that of the corresponding period of 1962. Sales (excluding inter-company sales) rose from £11,405,000 to £12,047,000. Group surplus from manufacturing and trading was £2,304,000 (£2,005,000). In an accompanying note the chairman (Mr. P. D. O'Brien), states that the increase in group income confirms the improvement evident in the first two months of the year. Results for the year as a whole are expected to show a satisfactory increase over those of 1962.

PFIZER GROUP.—Following recent diversification within the group, a third division has been formed to be known as the consumer division. It will comprise those operations at present conducted by Universal Laboratories, Leas Cliff Products and Coty (England), Ltd. Dr. W. A. Bullen has been appointed general manager of the new division and he also becomes a member of the Pfizer group board. Messrs. V. F. Valli, L. J. Gower and R. V. Olsen are appointed to the board of the new division. Mr. Valli continues as managing director of Coty (England), Ltd., Mr. Gower becomes sales director of Proprietary Products and Mr. R. V. Olsen, financial director. Mr. H. J. Bragg is appointed marketing director of the

existing chemicals division while Dr. K. J. Lynes (a member of the group board) continues to be its general manager. The pharmaceutical division, which comprises the group's ethical pharmaceuticals and animal health operations, will be directed by Mr. F. Goulding (a member of the group board).

SANITAS TRUST, LTD., and LONDON MERCHANT SECURITIES, LTD.—Mr. Charles Sweeny has resigned from the board of Sanitas Trust, Ltd., and Mr. Robert Caplin succeeds him as chairman. Sir Edwin Savory Herbert and Sir Alexander Herbert Killick (directors of London Merchant Securities, Ltd.), have become directors of Sanitas Trust, Ltd. The changes are consequential upon London Merchant Securities adding to its existing holding by the purchase of the shares in the Sanitas Trust held by Mr. Sweeny and certain of his associates.

BUSINESS CHANGES

MR. H. H. LE QUESNE, is opening a branch pharmacy in premises next to the General Post Office, Broad Street, St. Helier, Jersey.

MR. J. J. CORCORAN, M.P.S.I., has acquired the pharmacy known as "McNally's," South Circular Road, Dublin.

PLYMOUTH CO - OPERATIVE SOCIETY, LTD., opened a pharmacy branch at 16 Cornwall Street, Plymouth, on November 29.

THE telephone number of Rona Laboratories, Ltd. and Delandale Laboratories, Ltd., has been changed to Ambassador 7231.

THE Pharmaceutical Committee for the County of London is transferring its offices to new premises at Thonock House (fourth floor), 34 Cursitor Street, London, E.C.4, on December 7. The telephone number (Holborn 6563) is unchanged.

HIRE-PURCHASE (No. 2) BILL

More protection for the buyer

NEW measures to extend the Hire-Purchase Act, 1938, to all hire purchase agreements and credit sale agreements where the sum involved does not exceed £2,000, are proposed in the Government's Hire-Purchase (No. 2) Bill. The Bill would introduce wider changes than those put forward by Lord Peddie in his Hire Purchase Bill (see C. & D., November 23, p. 549).

Clause 2 of the Government's Bill would enable the Board of Trade to make regulations prescribing the words surrounding the space where a customer signs the hire purchase or credit sale agreement. It also provides that agreements must contain certain information and a copy must be sent to the hirer or buyer within seven days.

Buyers are to be given four days in which to repudiate a hire-purchase or credit-sale agreement signed away from a place at which the retail sale of the goods was normally transacted. Where goods have been delivered and the transaction has been cancelled the goods must be handed back at the dealer's premises. The purchaser or hirer is not then liable for further payments except damages for failure to take reasonable care of the goods and he will be entitled to the return of any payment he has made.

If goods have been given in part exchange, the hirer or purchaser is entitled to the return of the goods, or if they are not returned within ten days, to the amount of the part ex-

change allowance. Clause 12 makes void any provision in a hire-purchase agreement to the effect that if the hirer dies the agreement is to terminate, or that the rights or obligations of the hirer or a guarantor are to be altered. Another clause prohibits the owner, where a third of the hire purchase price has been paid, from recovering the goods from the person in possession after the death of the hirer, except by an action, and makes provision for the personal representative of the deceased hirer to become a party to the action.

Clause 16 confers on a person who is guaranteeing obligations under a hire-purchase or credit-sale agreement exceeding £20, the right to receive and obtain certain documents and information

Part II of the Bill is designed to ensure that Scottish law is the same as that proposed for England and Wales.

Part IV deals with advertisements and clauses 27 and 28 amend the Advertisements (Hire-Purchase) Act 1957. If an advertisement states the amount of the deposit or any of the instalments it must contain detailed information of the terms available. Clause 27 also requires the hire-purchase price or total purchase price to be given in advertisements containing details of payments. In advertisements that indicate the credit terms offered represent a specified rate of interest or charge then the rate must be an annual rate calculated in a specified manner.

DEATHS

JAMES.—In hospital on November 30, Mr. Idwal James, M.P.S., Central Pharmacy, Porthcawl, Glam. Mr. James qualified in 1905.

MACINTOSH.—On October 8, Mr. Arnold Macintosh, M.P.S., 21 Sedley Rise, Loughton, Essex. Mr. Macintosh qualified in 1934.

MARSHALL.—On November 15, Mr. Thomas Frederick Marshall. M.P.S., "Gulverden," Fir Tree Lane, Newbury, Berks. Mr. Marshall qualified in 1923.

NORTHEY. — On August 20, Mr. John Henry Northey, M.P.S., Marsland, Laburnham Road, Maidenhead, Berks. Mr. Northey qualified in 1902 and was a life member.

THORNBER.—On November 21, Mr. Harold Thornber, 2 Albert Road, London, E.18. Mr. Thornber represented Merrell-National (Laboratories), Ltd., in the East London area.

SMITH.—Mr. J. Fyfe Smith, assistant manager, Calmic, Ltd., Toronto. Canada. Mr. Smith was a passenger in the aeroplane which crashed a short distance from Montreal airport on November 29.

TRADE NOTES

Now Tax-free.—William R. Warner & Co., Ltd., Eastleigh, Hants, announce that Lucofen and Lucofen SA are no longer subject to the imposition of purchase tax.

A 100-tablet Pack.—Moore Medicinal Products, Ltd., Waveley House, Aberdeen, have added to their range of products a 100-tablet pack of Iso-Brovon tablets.

Prices Reduced.—John Wyeth & Brother, Ltd., Huntercombe Lane South, Taplow, Maidenhead, Berks, announce price reductions in Equadiol and Equaprin tablets.

Costs Put Up Prices. — Increased costs are given by Dendron Distributors, Ltd., 94 Rickmansworth Road, Watford, Herts, as the reason for increases in the prices of their specialities D.D.D. prescription and balm, Spraytan, Nu Nale, Nu Moon and Yaxa.

Polish Pharmaceuticals.—Anglo-Dal, Ltd., Chesterfield House, Bloomsbury Way, London, W.C.1, are sole representatives in Great Britain for, among other Polish factories exporting through Ciech Import and Export of Chemicals, Ltd., Warsaw, the ten factories of Polfa and not as stated in an advertisement in this paper recently.

Display Stands Supplied Free.—The Whitecross Optical Co. of London, Frederick Works, Rochester Place, London, N.W.1, are offering as sales aids their Beachmaster, Carousel and La-Ronde revolving display stands for orders of twenty, ten and six dozen ladies' and men's sunglasses respectively.

Christmas Stocks Held.—F. Kingham & Sons (Leeds), Ltd., 20 Corn Exchange Buildings, Leeds, 1, Yorks, are holding buffer stocks of all Jean Sorelle gift presentations for the Christmas trade and are understood to be able to deliver up to the last shopping days before Christmas to customers in Yorkshire, Lancashire and Northumberland.

Services Offered.—W. Butler & Co. (Bristol), Ltd., St. Philips, Bristol, 2, offer a variety of disinfectants, antiseptics and detergents and liquid soaps in a wide range of packs, including sachets, bottles, tins and drums. The company also operate a technical service department to assist customers with problems of formulation and packaging.

Not a Panacea.—Some newspaper publicity given recently to the product Marboran (compound 33T57) of Burroughs Wellcome & Co., Euston Road, London, N.W.1, tended to give the impression that it is effective against a wide range of viral diseases. However, the company points out that Marboran has only been shown to be effective in protecting against small-pox (and possibly chickenpox) and, moreover, that it is available solely for clinical trial, as yet.

Bonus Offers

PHARMACEUTICAL PRODUCTS, LTD., 44 Magdalen Street, Norwich, NOR 95A. Quinasp capsules. Fourteen invoiced as twelve. Until January 31, 1964.

NEW PRODUCTS AND PACKS

Revised Standard Dressings. — Factory first-aid dressings to meet the new British Pharmaceutical Codex specification (effective from January 1, 1964), are available from Robert Bailey & Son, Ltd., Stockport, Ches. They are offered in a redesigned three-colour carton at current list prices.

Tablets Against Colds.—Rexall Drug Co.. Loughborough, Leics, are launching nationally, after a successful test



campaign in Tyne/Tees television region and in Scotland in the winter of 1962-63, an anti-cold product, Anapax tablets. Each contains 300 mgm. of paracetamol, 30 mgm. of caffeine, 5 mgm. of phenylephrine hydrochloride and 40 mgm. of vitamin C. Anapax may be sold freely but distribution is, in accordance with the company's policy, being limited to chemists.

An Injectable Amæbicide. — Glaxo Laboratories, Ltd., Greenford, Middlesex, announce the introduction of a new injectable amæbicide, Mebadin, for use in the treatment of acute and chronic amæbic dysentery and intestinal and hepatic amæbiasis. Mebadin is a synthetically produced compound closely related chemically to emetine but less toxic. Each 2-mil ampoule contains 60 mgm. of racemic 2-dehydroemetine (as the dihydrochloride). Developed essentially for overseas markets, the product is now available in the United Kingdom.

Tetracycline with Antifungal Antibiotic.—E. R. Squibb & Sons, Ltd., Regal House, Twickenham, Middlesex, are introducing, on December 12, a new



speciality Mysteclin tablets, each of which contains 250 mgm. of tetracycline hydrochloride with 250,000 units of Nystatin. The tablets have been introduced following many requests for a tablet presentation of tetracycline combined with an antifungal antibiotic to prevent side effects due to overgrowth

of Candida (Monilia) albicans. Some patients are understood to have experienced difficulty in swallowing Mysteclin capsules, and as those patients include many who are specially prone to monilial overgrowth (elderly and debilitated patients and pregnant women), the new tablet presentation "should ensure," say the manufacturers, "that they are not denied concomitant protection against fungal overgrowth during broad-spectrum antibiotic therapy." The tablets, orange in colour and sugarcoated, bear the word SQUIBB in black. They are supplied in bottles of sixteen and 100. Mysteclin-V capsules will continue to be available but, from January 1, 1964, the smallest pack size is being increased from twelve to sixteen.

Routine Control of Oedema. — The introduction by Smith Kline & French Laboratories, Ltd., Welwyn Garden City, Herts, of a new speciality, Dytide, is claimed to provide a physician with a means of ensuring consistently better routine control of oedema, with consistently less trouble in treatment. Dy-tide is understood to induce ample diuresis by exerting a powerful action on both proximal and distal renal tubules, while minimising drug-induced electrolyte imbalance. In the oedema-tous patient Dytide produces, it is stated, marked increases in sodium and chloride excretion and of urine volume. Indications are oedema in congestive heart failure. In drug-induced and premenstrual oedema, and oedema asso-ciated with cirrhosis of the liver and the nephrotic syndrome, Dytide therapy should also produce a response, though the use of the drug in the latter conditions has not yet been fully evaluated clinically. Each capsule contains 50 mgm. of Dytac brand triamterene and 25 mgm. of benzthiazide. The packs are containers of thirty and 250.

New and Larger Sachets.—The new packs for Bristow's shampoo sachets have been given a white background, coral band and star and are also larger than the sachets they replace. Makers are County Laboratories, Ltd., Beecham House, Great West Road, Brentford, Middlesex.

Swim Caps for 1964.—Kleinerts Rubber Co., 91 New Bond Street, London, W.1, have introduced many new caps to their 1964 range. Pointed crowns,





Left, "Cubist" (angular petals with jewelled star fish at top—in five colour combinations); right, "Coral Island" (sea anemones—in multi colours).

side-trims, flowers in colour combinations, jewels and prints to suit all tastes, are included in the collection.

SEVEN-DAY MODERNISATION



view of the pharmacy as it was



he completed pharmacy as seen from the rear



. The frontage as it was.



2. Demolition in progress.



A rear wall is demolished and a supporting beam inserted



Customer's view of the drug counter



3. At work on the new facia.



4. The complete "open" from

LANCASHIRE PHARMACY



beam is completed and a new floor laid

THE pharmacy of D. A. Clowes is situated in the small township of Rainhill, between St. Helens and Liverpool. It is on a main road and has been a pharmacy for a considerable number of years. When the proprietor decided to modernise he considered a number of schemes and finally decided on the one he considered most suited to the business. He wanted the work done with a minimum of interruption to the running of the pharmacy.

The task involved removing a wall dividing the shop from the dispensary, so dispensary accommodation had obviously to be found. Rather than use a store room that was available, an open area at the rear of the premises was utilised for building a dispensary giving direct access to the shop. That was built in the week before the shop was converted, arrangements having been made and an undertaking given by the shopfitters, Brian Nichols, Ltd.,



The fittings and fixtures are added

276 Wallgate, Seven Stars Bridge, Wigan, that it would be completed within seven days.

Temporary shop premises were arranged in one of the store rooms at the rear, and on the Sunday morning specified the shopfitters' men took possesison of the premises. The fittings were removed and the demolition of walls, etc., commenced. The premises were handed back on the following Saturday at lunch time, ready for the shelves to be filled. During that time the following work had been carried out: Walls demolished and girders fitted into position on to brick piers; chimney breast removed; both floors lowered to a common level; concrete subfloor laid with asphalt dressing; the floor tiled with linoleum tiles; all plaster work and altered staircase made good; premises rewired; new shopfront fitted; all interior fittings installed and decorated.

FILMSTRIPS NEW FILMS ANI

Wound Infection in the Surgical Ward, Parts 1. Sources of Infection and Part 2, Prevention of Infection.

CAMERA TALKS, LTD., 23 Denmark Place, London, W.C.2. Filmstrip. 43 frames. 35-mm. Colour.

THE first of the two filmstrips — both in Part 3 of a "Cross Infection" series—has been presented to 500 hospitals throughout Great Britain and is now available from the producers, at 52s. 6d., inclusive of teaching notes. The frame illustrated (No. 28) shows students at a lecture by

Professor A. C. Cunat King's College Hospital, London. It was put in to show the students what subconscious actions can do at least 50 per cent. of people have Staphylococcus aureus in the nose ").

The Choice is Stainless Steel

Firth-Vickers Stainless Steels, Ltd. 16-mm. Colour.

Sound. Running time 25 minutes.

THE film is directed to potential manufacturer users of rust-resisting and heat-resisting steels. To demonstrate the

technical services the company offers, including especially advice on choice of the right variety among the fifty available, it takes as example a washing machine. From the initial contact by the sales team, the film outlines the work of the company's technical liaison staff, and then shows the prototype tub and bulk production being carried out in the customer's works. The company's own works and research laboratories are illustrated and new uses of stainless steel in the chemical and other industries are shown. Drama is given to the whole film by the choice of an operating theatre as opening "shot" to arouse the viewer's attention. The film is available on loan, free of charge, on application to the company's publicative department. to the company's publicity department.

Rainbow of Chemistry

Hoechst Chemicals, Ltd., Portland House, Stag Place, London, S.W.1. 35-mm. Colour. Sound. Running time: 44 minutes.

THE film has been made on the occasion of the centenary of the founding of Farbwerke Hoechst, A.G., and tells the story of the company's achievements since that time. It recently gained a prize at a documentary film week in Mannheim, Germany. First part of the film naturally deals with dyes and colours, since it was in dyestuffs that the company began business. It moves on to plastics and finally to pharmaceuticals, in dealing with which it recalls the discovery of, among other drugs, Antipyrin. Dolantin (pethidine), Novocain and Rastinon.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Could Be!

SIR,—Wonderful stuff this posology! "Doses of death: More than 10,500 dangerous barbiturate tablets were stolen from a chemist's shop at Chesterfield, Derbyshire, yesterday. The tablets could be a fatal dose."

From the Daily Express, November 29, 1963,

C. McArdle, F.P.S. Birmingham, 4

Phonetic(?) Spelling

SIR,-The other day I received from a supplier a package labelled:

To Miss Nicholson,

Farmasey,

Clatterbridge. Perhaps you would like to bring this to the attention of your readers for their entertainment and to the company concerned—if the style of label is recognised—for revisionary action.

M. NICHOLSON, M.P.S.. Bebington, Ches.

Support for a Candidate

SIR,-With regard to the forthcoming election for the retail section of the Proprietary Articles Trade Association, the chairman and officers of the Sunderland and District Branch of the Pharmaceutical Society support the candidature of Mr. G. W. Herdman who, as past-chairman and secretary of the Branch, has always been keenly interested in pharmaceutical affairs.

J. R. MARSHALL Chairman, J. BUNDRED, Secretary, Sunderland

Efficiency the Answer to Boredom

SIR,—The problem of recruiting staff for the retail distributive trades was highlighted in the news item "Careers in Retail" (C. & D., November 23, p 543). From time to time various valid reasons have been put forward for the lack of recruits. The included comparatively low They have lack of glamour, and the somewhat old fashioned idea that working in a shop is degrading. Before considering what steps can be taken to alleviate the situation it is as well to question whether there is not a more fundamental reason about which some correction action should be taken. While rective action should be taken. While it is appreciated that the working conditions in a small retail shop may be poles apart from those found in the large departmental store, account must be taken of the fact that the former are far more numerous than the latter. The majority of people employed in the retail trade are obliged to work for the smaller man and not in the giant store. If any serious improvement in the image of the retail trade as employers is to be achieved, then it is towards the small man that attention must be directed. Let us take a look at him. The average small retailer hardly warrants a high rating for business efficiency. Over the years his business has probably grown up with little positive training in management

techniques. So long as he does a little more business this year than he did last he is content. Seldom does he relate his present turnover to the poten-tial. Few retailers have any real ideas of the ways in which a retailer should go about expanding his business, stepping up his profits, maintaining contact with customers and locating new ones. A part of the added profits that could result from increased efficiency would go some way towards better pay and better working conditions for retail sales staff. In the circumstances I have described it is not surprising that man-management techniques are of a comparatively low order. As a rule the value of investing in staff training is not appreciated. The reason is easily found in the present situation -turnover rate in staff is generally high, making employers disinclined to believe that the staff they have today are likely to be with them in a year's time. Nevertheless a start must be made somewhere, and the initiative is surely with the employer. Let there be no mistake. To be a salesman or saleswoman is an honourable and essential occupation, and a consider-

able responsibility rests on his or her shoulders. If a sale is made at the counter, all is well. But if the assistant fails then the total effort of all the people in research, planning, production, management, sales, advertising, merchandising and distribution, who have already played their part, will be lost in an instant. An immense investment will be wasted. It is clear that the salesman is a key figure. Certainly the most strenuous efforts should be made to analyse him, to pull him apart, discover all there is to know about him, find out what motivates him, identify the situations and processes that develop loyalty to the business that employs him, and devise profitable ways of preventing the boredom that causes so many assistants to dom that causes so many assistants to look for "a better job." Perhaps this is a study which should be tackled by trade associations individually or by some larger body. One thing is certain. Sales staff are important to us all, and it is in our own interest that they should be as efficient and as prosperous as we can make them.

R. B. MATTHEWS, London, W.1

BRANCH EVENTS

CORNWALL

Postponed Event

POSTPONED from January because of bad weather, the annual dinner of the Cornwall Branch of the Pharmaceutical Society was held at Newquay on October 31. Guests of honour included JUDGE T. DEWAR, a pharmacist now a county court judge, who proposed the toast "The Pharmaceutical Society." Responding, MISS M. A. BURR (immediate past-president of the Society) congratulated Judge Dewar on having reached the summit in two professions.

SWANSEA

N.H.S. Negotiations

WHILE unable to report any advance in the N.H.S. negotiations since his report to the Durham area meeting in October, Mr. H. G. Moss (chairman, Central N.H.S. (Chemist Contractors) Committee) left members of Swansea and neighbouring branches of the National Pharmaceutical Union in no doubt as to the Committee's sincerity and drive. Speaking at a meeting on October 30 he complimented the Branch on having been the first, in association with the Executive, to organise a staff training conference.

COVENTRY AND WARWICKS

Pharmacy a Popular Career

For every place in its department of pharmacy. Nottingham University had seven applicants, said MISS MARY A.
BURR (immediate past-president of the Pharmaceutical Society) at the annual dinner and dance of the Coventry and Warwickshire Branch of the Pharmaceutical Society recently. She felt that pharmacy was popular as a career and

those in the profession should do their share in moulding the future of the new entrants. The toast to the guests was proposed by Mr. J. Innes-Chaytor (vice-chairman). In reply, Councillor T. H. WHITEMAN (deputy Mayor of Coventry) said he was glad that British pharmacists had not followed the American trend towards drug stores.

LEEDS

Heart Diseases

MEMBERS of Leeds Branch of the Pharmaceutical Society heard, on November 12, an address on heart disease given by Mr. T. H. Davison (May & Baker, Ltd.), who said that heart disease was mainly of three kinds. Congenital heart disease was concerned with coronary thrombosis. Infective heart disease, a large group some branches of which responded to antibiotic treatment, included rheumatic heart disease in which malignant spots formed on the heart valves. In mitral stenosis, cardiac surgery was effective. The speaker said that 3 per cent. of all infants born had some congenital heart defect and by one year that had increased to 5 per cent., some hidden cases having come to light. German measles could cause heart lesions in the fœtus up to and including the third month. It had also been said that influenza and poliomyelitis could affect the fœtus, but this had not been proved. The first successful heart operation was believed to have been the suturing of a stab wound and in 1925, an operation was performed for mitral stenosis. However, the main develop-ments in cardiac surgery were post-war. The lecture was supplemented by a film showing a "hole in the heart" operation.



Inecto House 27 Dover Street London W 1 Hyde Park 7

Inecto Hint of a Tint

A skilfully blended luxury shampoo plus a subtle hint of colour, in one sachet, for egular weekly use. Retail price 1/2d a achet.

Wholesale price 8/- a dozen plus P.T. Available in an attractive counter display uter, complete with colour selector, which contains 1 dozen of each of the shades

Vholesale price 40/- plus P.T.

STOCK INECTO FOR BIG SALES . 3IG PROFITS!

Inecto Hair Magic

An easy-to-use semi-permanent colouring available in three series—Shampoo, Brush-On and Fantasy Series. The Brush-On has been created to cover and colour hair up to 50% grey and to restore colour to faded hair. Retail price 3/6d.

Wholesale price 2/- per bottle plus P.T.

Inecto Hi-Lift

The lanolised ultra bleach for lightening and brightening the hair or for white bleaching. Retail price 3/6d per carton. Wholesale price 2/- per carton plus P.T.

Inecto Crème Hair Lightener

A soft, gentle cream which lightens the hair 3 to 4 shades and leaves it in superb condition. Retail price 3/6d per tube. Wholesale price 2/- plus P.T.

Inecto Rapid

A permanent, non-fading liquid tint giving 100% coverage on any amount of grey or white hair. Retail price 4/8d.

Wholesale price 2/8d per carton plus P.T.

Inecto Colour Creme

A permanent, non-fading colouring in cream form which gives 100% coverage on An instant-action hair colour stain rem grey or white hair. Retail price 6/4d. Wholesale price 3/7d per carton plus P.T.

Inecto Creme for Men

A permanent, non-fading colouring in 6 sensibly masculine shades. It gives 100% coverage on any amount of grey or white hair. Retail price 6/4d.

Wholesale price 3/7d per carton plus P.T.

Inecto Four-in-One

colouring which lightens, brigh colours and conditions in one applica Ideal for covering grey or white Retail price 4/8d.

Wholesale price 2/8d per carton plus

An instant-action hair colour stain rem with a delightful perfume. Retail p 2/11d per bottle. Wholesale price 6/80 carton of 4 plus P.T.

Shampoo Hair Colour Remo

An instant hair colour remover for s permanent, non-fading, oil-based price 3/7d per carton plus P.T.

All Install Hall Cloud Fellows (1978) permanent and temporary colouring perm



It's the blade you've been waiting for!

5 SILVE TO BLADES

STAINLESS BLADES

STAINLESS BLADES

Silver Gillette

The stainless steel blade with a touch like velvet

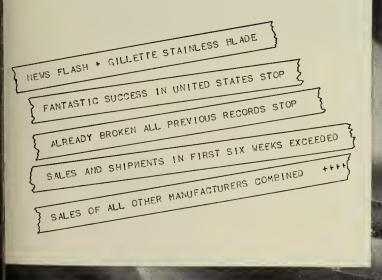
AND HERE'S WHY YOU'VE BEEN WAITING

To manufacture a stainless steel blade is not a great problem. What *is* a problem is to produce stainless steel blades in the very large quantities necessary to meet the demand that Silver Gillette will create not only in this market, but overseas as well.

This requires a production running into many hundreds of millions of blades. And that's not at all easy when quality is all important and every single blade must be as good as the next.

With Silver Gillette you get superb quality, and complete consistency is guaranteed. And what's more, supplies are freely available – no shortage, no allocation.

When your customers try Silver Gillette, they – and you – will agree it's been worth waiting for!



How we're launching

PACKINGS

Gillette

Silver Gillette will be sold in:

Packets of 5 blades

*

10 packets to one Display Card (50 blades)

2/2

2 Display Cards to one Carton (100 blades)

3/4

Retail price 3/6d for 5

ORDER NOW

ADVERTISING

MASSIVE SUPPORT

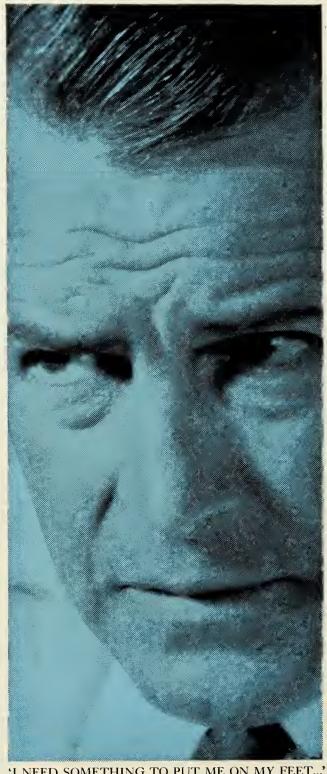
TV Silver Gillette commercials will dominate peak viewing periods night after night.

PRESS Heavy national press advertising in all leading daily newspapers.

CINEMA New film "G-Man and the Spy" featuring Silver Gillette will be shown in cinemas throughout the country.



'THINGS ARE TOO MUCH FOR ME THESE DAYS...'



'I NEED SOMETHING TO PUT ME ON MY FEET...'

When your advice is needed

The pharmacist plays a big part in the life of the family. Every day his advice is sought on all manner of problems. People trust him and their trust is rewarded by a standard of pharmacy which is higher than anywhere else in \mathcal{L} the world. The preparations of Vitamins Limited are designed to match these high standards. For prescription and counter.

BEMAX Stabilized wheat germ, the ideal natural food supplement. VITAVEL SYRUP Helps to keep children fit and build up resistance to infection.





For Retailer, Wholesaler and Manufacturer
ESTABLISHED 1859

Published weekly at 28 Essex Street, Strand, London, W.C.2

TELEPHONE: CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Productivity in Retailing

RETAIL distribution in the United Kingdom is an highly diverse system in which are engaged over 500,000 retailers, with annual sales totalling £9,000 millions. Ten stores in the country boast sales exceeding £5 millions. Against that there are 70,000 traders—if one includes market-stall holders—whose sales do not reach £2,000 a year each. Over one-quarter of the country's shops are carried on by a single owner employing no staff. That picture of day-to-day retailing was the background for a series of discussions at a conference of the British Productivity Council, held at Eastbourne, November 26-28. The theme, "Productivity the Next Five Years," was considered by groups interested in retail distribution; marketing; research and development; production; and education and training—the groups, after their discussions, reporting through their chairmen to the full conference.

In retailing it is difficult to find a universally accepted and approved objective test of efficiency. Neither sales per employee, sales per sq. ft. nor rate of stock turnover is always entirely acceptable when comparing organisations differing in size and scope, although each of those criteria may, of course, be applied in individual premises for comparative purposes on a yearly or a weekly basis. As an industry, retailing is profoundly influenced by daily contacts with customers, whose requirements are immensely varied. The difficulty of projecting the pattern of retail distribution during the next five years is thus apparent. The conference noted that a rising standard of living generally was producing a public with more sophisticated requirements and consumer goods of greater technical complexity. parallel problem of educating or training retail staffs caused extreme concern, and the conclusion was general that some means would have to be found of overcoming the difficulties encountered by small units in providing staff with the experience and background to enable them to work effectively. [In that respect, pharmacy, through the National Pharmaceutical Union's recently inaugurated staff training scheme has made a useful start.] The increasing employment of part-time staff was another topic of comment. The percentage of married women employed in shops is believed much higher, especially in pharmacies and photographic establishments, than in 1951, when 26 per cent. of saleswomen were married. Making use of part-time labour demands an adequately trained nucleus of per-Another problem to which pharmacy manent staff. had already applied itself was the public-relations aspect of poor wages. It came up at the conference in a declaration that the statutory minimum wages imposed by the Wages Council Orders were a poor advertisement for retail trade, and that retailing must in future adopt a more realistic attitude to the wages it pays.

Inevitably the controversy about stamp trading impinged upon the discussions, but the conference's retail section, without much opposition, appeared to agree that stamp trading diverts the attention of the customer from essential points of quality, value and service and is therefore not merely irrelevant to good and efficient shopkeeping but in fact detrimental to retailing productivity.

Criticisms were levelled that many modern shops seemed to have been designed by architects and planners without any real recognition of storage, display and merchandising problems. The "revolution" in retailing had been so rapid that the changes had not been either so widely studied or so efficiently evaluated as they should be. The fact that there are many intangibles in retailing does not mean that the problem may be ignored. Retailers, whether in large or small multiples or in independent organisations must take due note of every aspect that relates to increased productivity.

How the conference can arouse interest among retailers in the ideas behind the National Productivity Year is now being considered. They could and should take a far greater interest in their local productivity committees. Increased productivity in retailing does not necessarily mean moving as near as possible to factorytype operation. Rather does it mean adopting modern, efficient methods to serve the public in their varied wishes and requirements. The problem of efficient retailing is both human and scientific, and in both aspects basic factors have received too little attention. The conference accepted that the proportion of trade carried out by the larger retail organisations was likely to increase—with benefit, it was assumed, to overall retail productivity. It recognised, however, that large-scale organisations could never provide every satisfaction for the consumer, and that a variety of retail outlets would always remain. For the smaller retailer who efficiently meets the public requirements there will always—in the conference view and our own—be a profitable place.

Overseas Trade in Pharmaceuticals

EXPORTS of medicinal and pharmaceutical products from the United Kingdom during October were valued at £4.64 millions, against £3.74 millions in September and £5.2 millions in October 1962. Exports and imports are analysed in the accompanying tables. Exported vitamin products were, at £64,559, more than £100,000 down on the corresponding month of 1962, but bulk vitamins, at £144,514, were little changed. Penicillin products exported showed a welcome rise to a record level. Australia returned to head the list of largest buyers of United Kingdom medicinal products, but the value of her purchases (£262,243) was only slightly ahead of Nigeria's £257,452. Other countries with purchases in the £200,000 bracket were Ghana (£215,849), New Zealand (£249,154) and the Irish Republic (£249,577). Exports to European Economic Community countries totalled £565,245 and to countries in the European Free Trade Association including Finland £372,287.

Imports of pharmaceutical products during October at £748,896 were again, as in September, much higher than in the corresponding month of 1962—nearly 80 per cent. higher, in fact. For the months January—October they are running at about 20 per cent. above the corresponding 1962 period.

Pharmac	CEUTICAL	Proi	DUCTS-	-Export	S
					£
Sera and vaccines					182,693
Vitamins					64,559
Antibiotics					
Penicillin injections					114,455
tablets, ointments	s, etc.				120,923
other					353,746
Alkaloids					19,142
Aspirin					72,429
Antihistamines					48,354
Antipaludics					64,821
Barbiturates				***	30.155
Hormones	*				233,969
Glycosides					9,335
Ointments, liniments*					128,772
Organo therapeutic g					8,561
Sulphonamides					59,192
Proprietary medicines					1,199,368
Unclassified medicines					652,354
Chelassified medicines		•••		***	052,057

	Рна	RMACE	UTICALS	IN B	ulk—I	EXPORTS	
Vitamins							144,514
Penicillin							102,367
Antibiotics	other	than	penicill	in			165,741
Alkaloids							142,979
Hormones							120,236
Glycosides							10,165
Organo the	erapeut	ic gla	nds				24,639
Aspirin		•••	• • •				42,775
Barbiturates	S						27,694
Sulphonami	ides		• • • •	• • •			95,283
Glycerin							20,393
Citric acid							77,373

	PH	ARMACI	EUTICAI	. Prof	UCTS-	-lmports	
Vitamins							44,884
Antibiotics							314,606
Alkaloids							79,859
Glycosides,							23,736
Proprietary		veteri	nary n	iedicin	es	• • •	165,951
All other	• • •	• • •					119,860

^{*} Not elsewhere specified.

Onward from Galen

SIDELINES OF CURRENT COMMENT

WEST INDIAN FLAVOUR

Some of the colour and warmth of the West Indian islands were experienced by a large gathering of executives from the chemical, cosmetic and food industry in a London hotel on October 30. The occasion was a showing of the film "Essential Oils of the West Indies" by P. T. Petley & Co., Ltd., on behalf of their principals, Fritzsche Brothers, Inc., New York, U.S.A. Before the showing the American company's senior vice-president (Dr. Ernest Guenther) who photographed the film, gave a brief account of the history of the islands (Grenada, Haiti and Jamaica) visited, and of their essential oil industries. It was good to notice that Dr. Guenther had fully recovered from an illness he contracted in Morocco in May, by which he had been prevented from carrying out the same task at an earlier date. Dr. Guenther's published works on essential oils have shown him to be a perfectionist in writing. The same characteristic was made evident in his photography. Superb scenery and colourful crowd scenes, so skilfully blended with "documentary," made the 40-minute running time seem much less. During the supper which followed the film, an orchestra played West Indian folk songs, and an ice sculpture of a West Indian maiden with a basket of fresh tropical fruit on her head completed the West Indian flavour of the occasion. The film on the West Indies (reviewed C. & D., June 1, p. 611), is the third which Dr. Guenther has introduced in Britain of his world tours. As Mr. Petley reminded those present, Dr. Guenther had attended on the two previous occasions at the invitation of the British Aromatic Compound Manufacturers' Association. A fourth film which Dr. Guenther hinted might be about oils from the Mediterranean Countries will be awaited with pleasurable anticipation.

★ STAMPING IT OUT ★

AFTER the anti-missile missile the "anti-stamp stamp." That is the description given by the managing director of a company promoting what are more formally to be known as 'shopkeepers' stamps." Lest any pharmacist should regard them, by reason of their popular title, as being outside the Council statement advising members of the Pharmaceutical Society not to engage in stamp trading, we hasten to point out that, whatever the competitive attractions of the new scheme to the independent retailer, it is still stamp trading. It is claimed that the scheme has been "tailored to the needs of the medium and smaller retailer" and that "armed with his own local brand of stamps no retailer in the scheme will be forced to join national trading-stamp schemes solely to protect his volume of trade." Operating details are that stamps are purchased by the retailer at 15s. per 1,000 and a stamp is given with every sixpence worth of goods the customer buys. Books containing 1,260 stamps are exchangeable by the customer for 15s. worth of goods at any shop whose proprietor has linked with the scheme. The "shopkeepers' stamps" promoters pay the shopkeeper 15s. 6d. for every completed book turned in by the retailer, so that he receives not only sixpence handling costs per book but also the gross profit on the goods exchanged. The operating company are hoping that their scheme will be taken up by local chambers of commerce.

NEW BOOKS

Drawings of British Plants, Part XVIII

STELLA ROSS-CRAIG. G. Bell & Sons, Ltd., York House, Portugal Street, London, W.C.2. $9\frac{3}{4}$ x 6 in. Plates, 41. 10s. 6d.

THE latest volume in the series of drawings by Miss Ross-Craig (part xviii) is concerned with plants in the Natural Order Compositæ and is her fourth to deal with that Order, the others being published in 1960, '61 and '62. Included in the current volume is a drawing of the common and three other species of dandelion.

Teleurope 1963

Teleurope, 61 Darmstadt, Holzhofallee 38, Germany. 12 × 9 in. Pp. 2,627. DM70 (for overseas purchasers). Following the pattern set in previous editions, this, the eighth edition of the Teleurope directory of the European market, is divided into three parts: An alphabetical list of companies, a European classified trades section and a list of telegraphic addresses. Details of the subdivision of the trade items are given in a separate section, the indexes being in English, German, French and Spanish. Export and import companies should find this directory invaluable for the European addresses it provides.

New and Non-official Drugs, 1963

COUNCIL ON DRUGS OF THE AMERICAN MEDICAL ASSOCIATION. J. B. Lippencott & Co., Philadelphia, U.S.A., and Pitman Medical Publishing Co., Ltd., 45 New Oxford Street, London, W.1. $7\frac{1}{2}$ x 5 in. Pp. xxxi + 902. 30s.

TWENTY-SIX new drugs evaluated by the Council since the previous edition are included in the 1963 edition; fifty-three have been omitted, many of them having already been included for a five-year period, five omitted as being no longer commercially available. A complete revision of the book is in process, but as it cannot be completed in a single year, some of the new sections differ in style and format from the older ones. In the revised sections information common to most or all of the drugs is included in an introductory statement, and no longer repeated in the individual monographs. Within each subject head the monographs are arranged alphabetically. An appendix lists names and addresses of the manufacturers.

STILL INDEPENDENT

Increasing production from a London "family" manufacturer

STRONG advocates of the policy of limiting distribution of pharmaceutical products to pharmacists, Radiol Chemicals, Ltd., London, S.W.15, boast a 300 per cent, increase in out-Radio1 put and sales over the past ten years. The company's products are sold in over seventy overseas countries; in fact, 40 per cent. Of the total output goes for export. Trebling of the output over a project of the vector base. put over a period of ten years has placed strain on the manufacturing capacities of the company. Against the general opinion of smaller manufacturers that time-and-motion-study and "flow lines" were strictly for the "big boys," the directors in 1951 called in as consultants the firm Combined Technical Services. Under the advice given by that firm they mechanised production and improved efficiency to the extent of doubling output from the same area with the same staff. Again in 1961, when the second part of the originally envisaged programme was 'carried out, production was boosted by another 25 per cent.

In recent months the production

area at the factory has been enlarged. A new wing has been added that increases the available floor space by 20 per cent. New techniques of produc-tion, packing and labelling have been

introduced, and the factory has been re-geared along mass-production lines.



Filling and labelling specialities of the company.

Messrs. Radiol remain one of the few independent family businesses left in the pharmaceutical field. They have the determination to remain indepenvincial newspapers and women's magazines, aided by television at peak selling periods.

dent and that has meant keeping a

strict control on investment-in advertising, among other things. By careful

NARCOTIC DRUGS

Amended 1963 estimates

THE world total estimates (in kilos) of narcotics in 1963 (original estimates in parentheses) are:—Benzylmorphine 84 (81); cocaine 2,622.9 (1,663); codeine-(81); cocaine 2,622·9 (1,663); codeinen-oxide 2·5 (2·5); desomorphine 0·936 (0·795); diacetylmorphine 73·1 (76·8); dihydromorphine 7·65 (7·552); ecgonine 600 (600); ecgonine methyl ester 33 (25); hydrocodone 1,181·9 (1,205); hydromorphinol 1 (5); hydromorphone 239·877 (231·476); metopon 2·5 (2·5); morphine 144,287·3 (144,543·8); morphine-n-oxide 0·513 (0·51); nicomorphine 19·12 (12·4); normorphine 0·709 (0·355); oxycodone 843·88 (786·8); oxymorphone 33·809 (30·67); thebacon (d) 33/809 (30.67); thebacon 94.982 (148.26); thebaine 7,200.9 (7171.5); alphaprodine 68.395 (55.3); anileridine 441.6 (425.9); dextromoramide 341.38 (234.5); diethylthiambutene 31.1 (17.6); dimethylthiambutene 0.926 (2.35); diphenoxylate 226.6 (191.3); dipipanone 101.576 (62.7); (191-3); dipipanone 101-576 (62-7); etoxeridine 5-424 (3-15); isomethadone 5-675 (5-75); ketobemidone 108-474 (88-39); levomethorphan 1-222 (1-21); levorphanol 35-4 (30-8); metazocinc 16 (16); methadone 562-915 (497-98); methadone interpredicte 10 (10); page methadone-intermediate 10 (10); normethadone 608·291 (456·6); pethidine 20,426·1 (19,255·8); pethidine-intermediate-a 1,821 (—); pethidine-intermediate-b 85·5 (84); phenadoxone 14·98 (17.77); phenagoging 40.60 (28.1); (17.77); phenazocine 40.69 (28.1); phenoperidine 6.477 (2.7); piminodine phenoperidine 6.477 (2.7); piminodine 543.459 (534.5); properidine 11 (11); racemethorphan 0.25 (0.25); racemoramide 400 (400); racemorphan 0.1 (0.1); trineperidine 1,007.9 (1,007.7); acztyldihydrocodeine 56.335 (52.5); codeine 134,344.6 (121,061.8); dihydrocodeine 4,530.3 (3,851.2); ethylmorphine 10,909.19 (8,919.6); nicocodine 16.5 (8.5); pholcodine 3,268.75 16.5 (8.5);pholcodine 3,268.75 (2,235.7.)

FROM A SCHEDULED BUILDING

A wholesaler who found the restrictions no real handicap

NOT to be able to make alterations in a building in which one carries on a business might seem an unbearable handicap and a frustration. Robert Page of York, Ltd., 31 St. Saviourgate, York, wholesale distributors to chemists in Yorkshire and South Durham, do not seem to find it so. Recently they opened a new showroom in the building and its fitted carpet combines with the unique panelled walls and ceiling to produce a tasteful and attractive

setting.

31 St. Saviourgate was for a period from 1676 the town residence of Dame Sarah Hewley. That was in an older building of unknown date. The present building is the result of a reconstruc-



Part of the exterior of the premises.



Displays in the carpeted showroom.

tion in 1739, a date recorded on the tops of the water spouts on the building. It has a Georgian exterior and the present showroom was undoubtedly the lounge of the house. In 1770 William Haughton, a York dancing teacher, bequeathed £1.300 to be paid to the teacher of twenty children of the city. From then until December 1955, 31 St. Saviourgate was known as Haughton School. The last schoolmaster retired in 1955, selling the building, which Messrs. Robert Page took over.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor. Notes on the products are given on p. 614.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, December 7, 1963

ATROMID S capsules

Manufacturer: Imperial Chemical Industries, Ltd., pharmaceuticals division, Wilmslow, Ches.

DESCRIPTION: Red, soft gelatin capsules each containing 250 mgm, of ethyl a (p-chlorophenoxy) isobutyrate (B.P. Approved Name: clofibrate).

INDICATIONS: Lipid disorders associated with atherosclerosis and its sequelæ, including coronary heart disease.

CONTRAINDICATIONS: Pregnancy, and when there is evidence of renal hepatic dysfunction.

Dosage: Six to nine capsules daily in divided oral doses, after food.

STORAGE: Should be stored in a cool, dry place, in a sealed container.

PRECAUTIONS: As with Atromid, potentiation of anticoagulants may occur and requires reduction in dosage of anticoagulant if given concurrently.

How Supplied: In bottles of fifty, 250 and 1,000.

FIRST ISSUED: September 1963.

THE CHEMIST AND DRUGGIST-Guide to New Medicaments, December 7, 1963

BRONCHILATOR aerosol

Manufacturer: Bayer Products Co., Winthrop House, Surbitonon-Thames, Surrey.

DESCRIPTION: Each aerosol pack consists of a 10 mil translucent container fitted with an oral nebuliser which delivers 200 measured doses. The solution contains 0.6 per cent. of isoetharine methanesulphonatc, 0.125 per cent. of phenylephrine hydrochloride, 0.05 per cent. of thenyldiamine hydrochloride, together with saccharine, menthol and 0.1 per cent, of ascorbic acid.

Bronchodilator. INDICATIONS: Relief of bronchial asthma and conditions in which bronchospasm is a complicating factor, e.g. emphysema, bronchitis and other chronic broncho-pulmonary disorders.

Contraindications: Should not be used with adrenaline or related compounds because of the danger of tachycardia, but they may be alternated if desired.

Dosage: Adults: One or two inhalations every four hours. Occasionally a higher dose or greater frequency may be required.

Notes: It is important to wait a full minute after inhalation to be certain whether another is necessary.

PRECAUTIONS: Dosage must be carefully adjusted in patients with hyperthyroid, hypertension, acute coronary disease and cardiac asthma, limited cardiac reserve or individual sensitivity to sympathomimetic amines.

How SUPPLIED: As 10-mil vial with oral nebuliser and metering valve.

SUPPLY RESTRICTIONS: P.I., S.7. Recommended on prescription

FIRST ISSUED: September 1963.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, December 7, 1963

MYOLGIN tablets

Manufacturer: Allied Laboratories, Ltd., 140 Park Lane, London, W.1.

DESCRIPTION: White compressed tablets inscribed "AML." Each tablet in solution yields 250 mgm. of soluble calcium aspirin; 200 mgm. of paracetamol; 5 mgm. of codeine phosphate; 15 mgm. of caffeine citrate; and 1 mgm. of acetomenaphthone.

Analgesic, antirheumatic and antipyretic.

INDICATIONS: Rheumatic pain, traumatic pain, headache, neuralgia, dental pain, painful throat conditions, primary dysmenorrhæa, colds, influenza and other febrile conditions.

CONTRAINDICATIONS: Should be administered with caution to patients receiving anti-coagulant therapy.

Dosage: Adults: One or two tablets in water three times a day (or as required). Children: quarter to one tablet in milk or fruit juice.

How SUPPLIED: In tube of twenty and dispensing pack of 250 tablets.

SUPPLY RESTRICTIONS: P.I. FIRST ISSUED: October 1963.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, December 7, 1963

CUTISAN ointment, solution, and powder

MANUFACTURER: Laboratoires Innothera, Arcucil, Seine, France. DISTRIBUTOR: Dales Pharmaceuticals, Ltd., Power Road, Chiswick, London, W.4.

DESCRIPTION: Ointment, solution and powder containing 2 pcr cent, 1 per cent, and 1 per cent, respectively of trichloro-3,4,4' carbanilide. Bacteriostatic and bactericidal agent.

INDICATIONS: Eczemas, impetigo, napkin rash, lcg ulcers, acne, burns, industrial dermatitis, furuncles, pyodermatitis, infected wounds.

METHOD OF USE: Apply to infected area as and when required. How Supplied: Ointment: In tube of 30 gm. Solution: In dropper bottle of 45 mils. Powder: In tin of 30 gm.

SUPPLY RESTRICTIONS: Recommended on prescription only. FIRST ISSUED: September 1963.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, December 7, 1963

GERISOM tablets MANUFACTURER: Bayer Pr Products Co., Surbiton-on-Thames, Surrey.

DESCRIPTION: Pink uncoated tablets marked "Gerisom" on one side, and scored on the reverse. Each contains 450 mgm. of paracetamol, 50 mgm. of amylobarbitone and 100 mgm. of chlormezanone. Hypnotic.

INDICATIONS: Insomnia, particularly in the elderly patient.

Dosage: Adults: One or two tablets at night.

PRECAUTIONS: Should be used with caution in cases of impaired liver function.

SIDE EFFECTS: Occasionally a mild hangover effect is experienced on the higher dose (two tablets). How Supplied: In containers of fifty and 500.

SUPPLY RESTRICTIONS: P.I, S.1, S.4A.

First Issued: May 1963.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, December 7, 1963

PONSTAN Kapseals

MANUFACTURER: Parke Davis & Co., Staines Road, Hounslow, Middlesex.

DESCRIPTION: Ivory capsules with light blue band. Each contains 250 mgm. of mefenamic acid. Analgesic and antiinflammatory agent.

INDICATIONS: Symptomatic relief of mild to moderately severe pain in acute or chronic conditions.

Dosage: Adults: two capsules (500 mgm.) initially, then one (250 mgm.) every six hours.

SIDE EFFECTS: May cause constipation, nausea, abdominal cramp, excitement, shakiness, vertigo or vomiting in occasional patients. If diarrhœa occurs, the drug should be withdrawn.

How Supplied: As Kapseal capsules in containers of twelve, 100 and 500.

SUPPLY RESTRICTIONS: Recommended on prescription only. FIRST ISSUED: November 1963.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, December 7, 1963

SH 420 tablets

MANUFACTURER: Schering A.G., Berlin 65, 170-172 Mullerstrasse. DISTRIBUTOR: Pharmethicals (London), Ltd., Victoria Way, Burgess Hill, Sussex.

DESCRIPTION: White uncoated tablets, Each contains 10 mgm. of norethisterone acetate. Oral progestogen.

INDICATIONS: Selected cases of breast carcinoma.

CONTRAINDICATIONS: Pregnancy; liver disease.

Dosage: Dependent on individual case.

SIDE EFFECTS: Slight nausea may occur in occasional patients. How Supplied: In vial of twenty.

SUPPLY RESTRICTIONS: P.I, S.4B.

FIRST ISSUED: August 1963.

AMENDMENTS

ALDOMET: Now also available as intravenous injection containing 250 mgm. of methyldopa hydrochloride in 5 mils. Supplied in 5 mil. ampoules.

FENTAZIN: Now also available as green, peppermintflavoured syrup containing 3 mgm. of perphenazine in 5 mils. Supplied in bottles of 5 fl. ozs, and 2 litres.

for strength through the growing years

Farex contains sensible proportions of protein, fat, carbohydrates, calcium, iron and vitamins to provide a balanced diet throughout the formative years right up to pre-school days. It provides the sound basic nourishment that is so essential to the growing child and because it mixes readily with almost any flavouring, sweet or savoury, Farex adapts itself to the child's changing tastes through the years. Farex is remarkably economical too. The familiar 10 oz. packet costs your customers 1/6. Trade prices are 14/5 per dozen and 27/- for the special 'top profit' parcel of two dozen packets.

FAREX fortified 3-cereal food



The name Farex is a Glaxo trade mark

GLAXO LABORATORIES LIMITED



This is the Vi-Daylin moment. It comes once a day and there is absolutely no mistaking how children feel about it. There is absolutely no mistaking how children feel about it. It is a treat that becomes a habit. A habit that assures accepted dosage. Yes children of all ages love Vi-Daylin.



TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, DECEMBER 4: Most CRUDE DRUGS were without quotable change during the week and trading continued quiet.

Among Spices, Cochin Ginger was a little dearer for shipment. Offers of new crop Jamaican ginger were circulated at around 670s. per cwt., c.i.f.
TURMERIC was dearer by 2s. 6d. per cwt. on the spot. STYRAX at 19s. 6d. per lb. was threepence down. Camphor, B.P. powder was offered at 5s. $4\frac{1}{2}$ d. per CAMPHOR, lb., c.i.f., with the spot position still nominal.

The gap between the prices of Ceylon and Formosan CITRONELLA widened still further with the Ceylon oil for shipment dearer by threepence and Formosan down ninepence. Brazilian PEPPERMINT was down threepence per

MERCURY rose by another £3 per flask and manufacturers of MERCURIALS increased their schedules in sympathy. ZINC OXIDE was marked up £6 per ton also because of higher prices for the metal arising out of increased buying activity and diminishing stocks. METHYL ETHYL KETONE was reduced by £10 per

Pharmaceutical Chemicals

CALAMINE.—Five-cwt. lots, 1s. 10d. per 1b.; 1-ton, 1s. $8\frac{1}{2}$ d.

CHALK.—Prepared powder B.P., £22 per ton for minimum 1-ton ex works.

Chloroform.—1-cwt. lots in winchesters, 3s. 4½d. per lb.; 56-lb., 3s. 6d. In drums, 3s. 2½d. and 3s. 4d. per lb. respectively.

Chlorophyll. — Water-soluble, 100 per cent. (medicinal grade), 280s. per lb.; oil soluble, 25s. per lb.

CITRATES.—Per kilo:-

	50	kilos	250	kilos	1,000	0 kilos
SODIUM†	s.	d. 4	s. 4	d. 10	s. 4	d. 8
POTASSIUM†	1 <	7	5	ĭ	4	11
IRON AND AMMONIUM*	. 8	10	8	6	8	3

Powder 6d. per kilo more, *Scales 1s, 10d, per kilo more.

DICOPHANE. (DDT). — One-ton lots, 2s. 4½d. per lb.

ERGOMETRINE.—MALEATE, B.P., 144s. per gm. for 20-gm. lots; TARTRATE, 27s. 6d. per gm. for 10-gm. lots.

ETHER. — Per lb, in winchesters: B.P. TECHNICAL, B.S.S., 5-cwt., 2s. 9d.; (4s. 4d. per litre). In drums the price is 2s. 1d. per lb. Anæsthetic, B.P., 6-cwt. 3s. 11½d.; 10-cwt., 3s. 7½d.

FORMALDEHYDE.—B.P. solutions, 5-drum lots, 690s. per ton, delivered.

Gualacols. — Liquid B.P.C., 16s. per ., for 1-cwt. lots; Crystals, 15s. 9d.; CARBONATE, 18s.

HYPOPHOSPHITES.—Per kilo:—

Quantity 1 kilo 12.5 kilos 50 kilos CALCIUM, B.P.C. 17 2 16 1 15 1 IRON, B.P.C. 34 10 33 7 32 5 MANGANESE 29 3 28 2 27 2 MANGANESE, B.P.C. 35 3 33 11 32 9 POTASSIUM, B.P.C. 23 1 22 5 21 4										
IRON, B.P.C. 34 10 33 7 32 5 MANGANESE 29 3 28 2 27 2 MANGANESE, B.P.C. 35 3 33 11 32 9 POTASSIUM, B.P.C. 23 1 22 5 21 4	Quantity	1 kilo	12.5 kilos	50 kilos						
SODIUM, B.P.C 1 19 2 1 18 1 1 17 1	IRON, B.P.C. MANGANESE MANGANESE, B.P.C. POTASSIUM, B.P.C.	29 3 35 3	33 7 28 2 33 11	32 5 27 2 32 9						

IODIDES. — (Per kilo). Potassium, 50-kilo lots, 23s.; sodium, 28s. 6d. for 25-kilo lots, ammonium, 46s. 6d.

IODINE.—Resublimed in less than 50-kilo lots, 30s, 6d, per kilo; 50-kilos and over, 29s. 9d. Minimum delivered rate for CRUDE is 18s, 7d, per kilo.

IODOFORM.—Powder (per kilo), 55s. 3d. in 50-kilo lots; less than 50-kilos, 56s. 9d. Crystals are 6s. 6d. per kilo more.

IRON SALTS.—GLUCONATE, B.P.C., 4s. 9d. per lb. in 1-cwt. lots; sulphate, b.p., crystals, 1-cwt. 70s. per cwt.; 5-cwt., 65s., per cwt.; granular, 2s. 6d. per cwt. extra. Phosphate, b.P.C., 28-lb., 4s. 5d. per lb.; 1-cwt., 4s. 2d. oxide red precipitated, b.P.C., 1949, 1-cwt., 2s. 1d. per lb.; carbonate, saccharated, b.P.C., 1949, 28-lb., 3s. 3d.; 1-cwt., 3s.—ammonium citrate, 250-kilos, 8s. 1d., kilo.—Quinine citrate, 2s. 4d. per oz, in 100-oz, tin.

Lead acetate.—B.P. crystals, 225s. per

LEAD ACETATE.—B.P. crystals, 225s. per

MERCURY DERIVATIVES.—Dearer. New rates (per kilo) for under 50-kilo lots — AMMONIATED MERCURY, B.P., powder, 61s. 9d.; PERCHLORIDE, B.P.C., powder, 51s. 6d.; SUBCHLORIDE (calomel), B.P.C., 59s. 3d.; OXIDES, Yellow, B.P., 60s. 9d.; red B.P.C., 1949, 62s. 9d.

OXALIC ACID.—Manufacturers' rates for 1-ton lots, £128 per ton.

Santonin.—5-kilo lots, 320s. per kilo.

TALC. — One-ton lots, B.P.C. in kegs, 1s. 2d. per lb.

TEREBENE. — B.P.C., one-carboy lots, 4s. 5d. per lb.

Crude Drugs

Anise. — Chinese STAR, 170s. per cwt. spot, duty paid; f.a.q. for shipment, 120s.,

CALUMBA ROOT.—Spot cleared.

CAMPHOR. — B.P. powder spot nominal; shipment, 5s. 4½d. per lb., c.i.f.

CARDAMOMS.—Aleppy greens, 9s. 3d. to 9s. 10d. spot: shipment, 10s. 8d., c.i.f. Seeds, spot, 13s. 6d.; shipment, 12s. 3d.,

DIGITALIS.—Purpurea leaves, 2s, 6d. per

ELEM1.—Spot, 1s. 4d. per lb.; shipment, 1s. 1d., c.i.f.

GINGER.—(Per cwt.) African, spot, 270s. per cwt.; new crop, February-April, 1964, 270s., c.i.f. Jamaican No. 3 spot, 775s.; new crop February-April, 670s., c.i.f. Cochin, 285s.; new crop for shipment offered at 200s., c.i.f.

GUM ACACIA. - Kordofan-cleaned sorts, 155s. per cwt., spot; prompt shipment, 146s., c.i.f. New crop, January-February, 1964, 139s., c.i.f.

HENNA. -- Indian, for shipment, 75s.,

HONEY. — (Per cwt.) Australian light amber, 160s. to 162s. 6d. and medium amber, 155s, to 160s. Argentine, 160s. to 165s.; Jamaican, 152s. 6d. to 157s. 6d.; Canadian, 175s. to 180s.; Mexican, 155s. to 160s., all ex warehouse.

Karaya. — No. 1 gum, spot nominal; No. 2, 325s, per cwt.

MENTHOL.—Chinese: spot, 31s. per lb. duty paid; December-January shipment, 28s., c.i.f. Brazilian, 20s. to 20s. 6d. in bond; shipment, 19s. 9d. to 20s. 6d., c.i.f. Formosan, 25s. 9d. in bond.

MERCURY.—Spot ex warehouse has risen to £72 per flask of 76 lb.

NUTMEGS. — West Indian spot 80's, 9s. 3d. per lb. nominal; defectives, 6s. 9d. East Indian for shipment: 80's, 8s. 3d. per lb.; 110's, 8s. 4d.; b.w.p., 5s. 2d., all

PEPPER.—White Sarawak spot, 2s. 10d. to 3s. per lb.; prompt shipment, 2s. 9½d.,

c.i.f. Black Sarawak spot, 2s. 6\frac{1}{2}d.; shipment, 2s. 3\frac{1}{2}d., c.i.f. Black Malabar, 320s. per cwt. spot; new crop for December-January shipment, 275s., c.i.f.

SEEDS. — (Per cwt.). ANISE.—Spanish, 280s., duty paid. CARAWAY. — Dutch, 167s. 6d., duty paid. CELERY. — Indian, 150s., spot; shipment, 142s. 6d., c.i.f. CORIANDER.—Moroccan, 58s., duty paid; shipment steady, 48s. 6d., c.i.f., now quoted. CUMIN. — Cyprian, 195s.; Indian, 195s.; Iranian, 200s., duty paid; shipment, 175s., c.i.f. DILL.—Indian, 74s. sellers spot; shipment, 53s., c.i.f. Fennel. — Indian, 125s. spot; shipment, 107s. 6d., c.i.f. Fenugreek. — Moroccan, 50s. duty paid sellers; shipment, 36s. 6d., c.i.f. Mustard.—English, 40s. to 72s. 6d. according to quality.

Senega.—Spot, 18s. 6d. to 19s. per lb.; - (Per cwt.). ANISE.—Spanish,

SENEGA.—Spot, 18s. 6d. to 19s. per lb.; shipment, 18s., c.i.f., nominal.

SLIPPERY ELM BARK.—Spot, 3s. 4d. to 3s. 6d. per lb.

STYRAX.—Spot, 19s. 6d. per lb.; shipment, 19s., c.i.f.

TURMERIC.—Madras finger, spot quoted at 160s. per cwt.; new crop, March-April 1964 shipment, 135s.

Vanillin.—Rates (per lb.) are now: 5-cwt. lots, 21s. 6d.; 1-cwt., 21s. 9656-lb., 22s.; small quantities, 22s. 6d.

WAXES. — (Per cwt.): BEES'.—Dar-es-Salaam, spot, 440s.; shipment, 415s., c.i.f. Abyssinian, spot, 390s., in bond; shipment, 390s., c.i.f. Candelllla, spot, 465s.; forward, 460s. landed. Carnauba, fatty grey, spot, 310s.; shipment, 300s., c.i.f.: prime yellow, spot, 760s.; shipment, 715s. c.i.f.

WITCH HAZEL LEAVES.—Spot quotations are 2s. 6d. per lb.

Essential and Expressed Oils

BAY. — West Indian about 25s. per lb. on the spot.

CHAMOMILE.—Smalls 640s. per lb.

CHENOPODIUM.—About 40s. per 1b. in original containers.

CITRONELLA. — Ceylon spot, 10s. 6d.; shipment, 10s. 3d. per lb., c.i.f. Formosan, 7s. in bond; December-January shipment, 6s. 6d., c.i.f. Chinese, December-January shipment, 7s., c.i.f. and 7s., spot.

GRAPEFRUIT.—Spot offers from 18s. per

Lemongrass.—Spot, 11s. per lb.; shipment, 10s. $10\frac{1}{2}$ d., c.i.f.

PEPPERMINT. — Arvensis: Chinese spot. 8s. 9d.; shipment, 8s., c.i.f. Brazilian spot, 6s. 3d.; shipment, 6s., c.i.f. Piperita: Italian. 48s. to 70s., spot. American from 32s. 6d. per lb. as to make.

Pine. — *Pumilionis*, 30s. per sylvestris, 9s.; abietis, 15s. to 24s.

ROSEMARY. — Spanish genuine is from 9s. 9d. per lb. spot, with new crop to arrive at 10s. 6d.

UNITED STATES REPORT

NEW YORK, DECEMBER 3: Reports were being circulated in the trade that ACETYLSALICYLIC ACID might be added to formulations for poultry feeds. thereby boosting consumption by some 11,000 tons a year. SENNA PODS advanced four cents to 36 cents per lb. LAVENDER OIL was firmer with the 30-32 per cent. now \$3.05 a lb., up 30 cents, and the 40-42 pcr cent. \$4.85, up 20 cents. CEDARLEAF OIL rose to \$4.20, up 15 cents a lb.; and LAVANDIN to \$3.45, up 10 cents. Formosan Citronella was down five cents to \$1.25 a lb.

NOTES ON NEW MEDICAMENTS

BRONCHILATOR. — Constituents: Isoetharine methanesulphonate, phenylephrine hydrochloride and thenyldiamine hydrochloride, Isoetharine, or N-isopropylethylnoradrenaline, has the rapid bronchodilator action associated with isoprenaline and related substances; phenylephrine has decongestive properties that are accompanied by some bronchodilator effects. Thenyldiamine is an antihistamine, and is included to deal with any allergic factors associated with bronchospasm. Other metered aerosol bronchodilator products include Alupent (orciprenaline), Medihaler Iso (isoprenaline), Prenomiser Plus and Pressurised IsoBrovon (isoprenaline and atropine methonitrate) and Pressurised Brovon (adrenaline and atropine methonitrate).

CUTISAN, — Chemistry: Trichloro 3-4-41-carbanilide, The base is also known as diphenyl-carbamide, and the trichlor derivative has a powerful and prolonged antibacterial action, particularly against staphylococci. The product is well tolerated when applied to the skin, and has therapeutic uses in a range of infected dermatological conditions. Other dermatological products with an antibacterial action include Quinolor (benzoyl peroxide and chlorhydroxy-quinoline), Brulidine (dibromopropamidine isethionate), Dequadin (dequalinium chloride), Furacin (nitrofurazone), and Steroxin (dichlorohydroxyquinaldine). Viacutan contains an organic silver compound.

GERISOM.—Constituents: Paracetamol, amylobarbitone and chlormezanonc. The product represents a combination of a mild analgesic (paracetamol), a central sedative (amylobarbitone) and a mild tranquilliser (chlormezanone), designed to evoke an adequate sleep response in elderly patients. Chlormezanone belongs to a group of substances that have been referred to as "muscle-relayant tranquillisers," which have been used in various painful musculo-skeletal conditions. Their effects have been attributed to their sedative and tranquillising effects rather than any relaxant action. Budale contains paracetamol, butobarbitone and codeine phosphate, Nebrinal contains pentobarbitone with mephenesin, Chlormezanone is present with paracetamol in Lobak and Parafon.

MYOLGIN.—Constituents: Paracetamol, soluble calcium aspirin, codeine phosphate, caffeine citrate and acetomenaphthone. The analgesic properties of the first three constituents are well known; caffeine citrate is included as a mild stimulant to offset the mild central depressant effect that is commonly associated with the use of analgesics. Salicylates are known to reduce blood prothrombin levels, and acetomenaphthone, a synthetic compound related to vitamin K, is included to reduce the risk of any extension of the blood clotting time due to a lowering of blood prothrombin levels, Many other products, containing mixed analgesics are also available; those including vitamin K supplements are represented by Ce-K-Sal and Ekammon.

sented by Ce-K-Sal and Ekammon.

PONSTAN. — Chemistry: N-(2-3-xylyl)anthranilic acid, also known as mcfenamic acid, The compound has a structure not commonly found in medicinal substances, and has potent analgesic and anti-inflammatory properties. In the latter respect it is superior to acetylsalicylic acid, and has the advantage of not causing gastric disturbance. In analgesic potency, mefenamic acid is comparable with codeine, but the drug is not a morphine derivative, and is unlikely to give rise to addiction. Other anti-inflammatory analgesics are represented by phenylbutazone (Butazolidin), oxyphenbutazone (Tanderil) metabolite of phenylbutazone.

NEW COMPANIES

P.C.=Private Company; R.O.=Registered Office

ADVEREALM CHEMISTS, LTD. (P.C.).—Capital £100. To carry on the business of selling agents and consultants to the pharmaceutical chemical trade, etc. Subscribers: Jean Herbert and Thomas A. Herbert, 156 Strand, London, W.C.2.

BEE CHEMICAL CO. (U.K.), LTD. (P.C.).—Capital £100. To carry on the business of manufacturing chemists, etc. Subscribers: P. D. Maloney and H. C. Rumbelow, R.O.: 35 Bridge Street, Walsall, Staffs.

D. BELL (BICESTER), LTD. (P.C.).—Capital £1,000. To carry on the business of chemists, druggists, etc. Directors: Denis Bell, M.P.S., and Miriam Bell. R.O.: 21B Bancroft, Hitchin, Herts.

W. H. & R. COOPER (CHEMISTS), LTD. (P.C.).—Capital £1,000. To carry on the business of chemists, druggists, etc. Directors: William H. Cooper, M.P.S., and Raymond Cooper, M.P.S. R.O.: 582 Oldham Road, Failsworth, Manchester.

DONNAI (HOBBS MOAT), LTD. (P.C.).—Capital £7,500, To carry on the business of chemists and druggists, etc. Directors: Maurice D. F. Donnai, M.P.S., and Yvonne E. Donnai, M.P.S. R.O.: 21 Bennetts Hill, Birmingham, 2.

ENKIM, LTD. (P.C.).—Capital £2,500. To carry on the business of dealers and traders in chemical products of all kinds, etc. Subscribers: Francesco Tizzani and Arthur Comber, R.O.: 23 Markham Square, London, S.W.3.

Markham Square, London, S.W.3.
P. FERRIS CHEMISTS (PECKHAM), LTD. (P.C.).—Capital £100. To carry on the business of chemists, druggists, etc. Directors: Patrick G. Flood, M.P.S., and Lucy A. Flood, R.O.: 214 Commercial Way, London, S.E.15.

HOWE CHEMIST, LTD, (P.C.). — Capital £100, To carry on the business of chemists and druggists, etc, Subscribers: Stanley H. Lucas and Francis A. Dean, R.O.: 6 Surrey Street, London, W.C.2.

INTER-ALIA PACKAGING SERVICES, LTD, (P.C.).—Capital £100. To carry on the business of dealers in pharmaceuticals, etc. Subscribers: Sydney Herrington, 45 Jessopp Road, Norwich, and Jack G. Brand.

A. L. LYTH (PLASTICS) & CO., LTD. (P.C.).—Capital £100. To carry on the business of manufacturers of and dealers in adhesive tape and surgical dressings, etc. Directors: Isidore Linder, Alfred L. Lyth and Wolfe Davies. R.O.: 26 Cross Street, Manchester, 2.

DOUGLAS METCALF, LTD. (P.C.).—Capital £5,000. To carry on the business of chemists and druggists, etc. Directors: Douglas Metcalf, M.P.S., and Mrs. Margaret Q. Metcalf, R.O.: 65 Elizabeth Street, London, S.W.1.

NEW CENTURY LABORATORIES, LTD. (P.C.).—Capital £100 in £1 shares. To carry on the business of manufacturers of and dealers in chemicals, drugs, etc. Directors: Patrick Finch, Hugh H. Green, M.P.S., and Dora Noble. R.O.: 2 Harewood Place, London, W.1.

S.E. LABORATORIES (HOLDINGS), LTD. (P.C.).—Capital £100. Directors: Rolf Schild and Peter C, Epstein, R.O.: Factory 606 North Feltham Trading Estate, Feltham, Middlesex.

Feltham Trading Estate, Feltham, Middlesex.

K. V. L. RICHARDS, LTD. (P.C.).—Capital £100. To carry on the business of retail chemists, etc. Directors: Kenneth V. L. Richards, M.P.S., and Dorcen E. Richards, R.O.: 16 Quay Street, Newport, Isle of Wight.

SHERSDRAM CHEMISTS, LTD. (P.C.).—Capital £100. To carry on the business of wholesale and retail chemists and druggists, etc. Subscribers: Jean Herbert and Thomas A. Herbert.

STERALOIDS, LTD, (P.C.).—Capital £100, To carry on the business of dealers in research hormones, chemicals, etc. Directors: Alexander J. Stewart and Margaret L, M, Stewart, R.O.: 20A Chichester Road, Croydon, Surrey.

TEEN COSMETICS, LTD. (P.C.).—Capital £100. To manufacture and deal in powders, ointments, soaps, cosmetics, etc. Directors: Percy P. W. Watkins, Muriel E. F. Brown, Kenneth W. Watkins and Edith M. Parfitt, R.O.: 200 Queensbridge Road, London, E.8.

WICKSOUTH CHEMISTS, LTD. (P.C.). — Capital £100. To carry on the business of wholesale and retail chemists. Subscribers: Jean Herbert and Thomas A. Herbert, 156 Strand, London, W.C.2.

MAKERS' ACTIVITIES

Vans Carry Advertisements. — Two large vans added to the delivery fleet of Robinson & Sons, Ltd., Wheat Bridge Mills, Chesterfield, Derbys, each carry an advertisement for Paddi and Paddi-pads disposable nappies.

Automated Glass.—A new £250,000 raw materials handling and batch mixing plant at the Greenford, Middlesex, works of Rockware Glass, Ltd., was completed recently and is now in full operation. Designed to be operated by one man, the plant can provide (in one eight-hour shift) enough mixed batch to satisfy the company's total demands for a twenty-four production line.

History-of-shaving Exhibition. — To mark the company's twenty-fifth anniversary in Britain, Remington Electric Shaver, Ltd., staged a "History of shaving" display in London on November 26. Based on the private collection of Mr. J. H. Rand (president of Remington Rand, Inc.), it comprised forty-eight items of shaving equipment, the oldest a razor fashioned from volcanic stone and stated to have been used in Peru 3,000 years ago. Edged razors from many countries and of many periods were supplemented by examples of early electric shavers, first introduced in the 1930's. The exhibit is being shown at the New York World Fair to be held in 1964.

Longest-serving Employee.—Miss Ivy Hills, Wensley Road, Coley Park, Reading, Berks, retired on November 29 after a record forty-four years with the Gillette organisation. First employed in November 1919, Miss Hills was the safety razor company's longest serving employee. She worked at two Gillette factories in London, then at Isleworth, before moving to the Reading factory in 1947. She was one of the few employees who had met the company's American founder, the late Mr. King C. Gillette. Since 1958 Miss Hills had been supervisor of personnel services at Reading. Before leaving she was presented by the company's managing director (Mr. Cecil Abderhalden) with a silver tea service.



GIFT OF MEDICAL SUPPLIES: Chief the Hon. B. C. Owku (Minister of Health in Nigeria's Eastern Region) receives a consignment of drugs value £1,000 presented by Organon Laboratories, Ltd., London, W.C.2. The presentation was made by Mr. George O'Halloran (technical adviser to the company) and the Minister made a short speech of thanks. The drugs are Orabolin and Durabolin (adjuvants in the treatment of nutritional diseases) and Oradexon, a corticosteroid. Also in the picture are Dr. Nzogwu and Mr. R. Strachan (chief pharmacist to the Government).

PRINT AND PUBLICITY

PUBLICATIONS

Medical Propaganda

Manufacturers' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists, AMES Co., division of Miles Laboratories, Ltd., Stoke Poges, Slough, Bucks. "Ketostix reagont strips . . . tests for ketones in urine, serum, plasma and milk " (leaflet),

Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham: "Katorin potassium gluconate oral solution" (card).

PHARMAX, LTD., Thames Road, Crayford, Kent: A new concept in the treatment of constipation . . . Beogex suppositories " (4-p. booklet), W. R. Warner & Co., Ltd., Eastleigh, Hants: "Miscellanea" (diary of events for December information on Peritrate, Rinurel, Veganin, Biomydrin and Tedral SA).

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, December 9

BURNLEY URNLEY BRANCH, PHARMACEUTICAL SOCIETY, Thorn hotel, St. James' Street, Burnley, at 7.45 p.m. Mr. H. Steinman (treasurer, Pharmaceutical Society) on "Member of Council."

NORTH STAFFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, North Stafford hotel, Stoke-on-Trent, at 7.45 p.m. Lecture and cosmetics demonstra-

tion by Mrs. Clare Archer (Revlon, Ltd.),
OLDHAM CHEMISTS' ASSOCIATION and BRANCH, PHARMACEUTICAL SOCIETY, Greaves Arms hotel, Oldham, at 8 p.m. Annual meetings.

OMFORD BRANCH, PHARMACEUTICAL SOCIETY,

Unicorn hotel, Gidea Park, Essex, at 7.45 p.m. Ladies' night. Demonstration by Persil Home Washing Bureau, "The Care of Modern Fabrics.'

SOUTHAMPTON BRANCH, PHARMACEUTICAL SOCIETY, Polygon hotel, Southampton, at 7.30 p.m. Dr. I. W. Caldwell (a consultant dermatologist) on "Dermatology."

SOUTHPORT BRANCH, PHARMACEUTICAL SOCIETY, Royal hotel, Promenade, Southport, at 7.45 p.m. Film evening.

Tuesday, December 10

Doncaster Branch, Pharmaceutical Society, Ivanhoe hotel, Sprotborough, at 8,15 p.m. Dr. J. F. Cavalla (Parke, Davis & Co.) on " Analgesics."

WELFARE SOCIETY and BRITISH INDUSTRIAL ASSOCIATION FOR COMMERCIAL AND INDUSTRIAL EDUCATION, Grand hotel, Eastbourne, Sussex, Conference on "Trends in Apprenticeship Conference on "Trends in Training." Until December 12.

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Metropole hotel, Leeds, at 8 p.m. Films introduced by Dr. D. J. Charley.

PRESTON PHARMACISTS' ASSOCIATION, County Club, Winckley Square, Preston, at 7.45 p.m.

Talk by Dr. G. F. Somers (Lilly Research Laboratorics, Ltd.).

SCARBOROUGH BRANCH, PHARMACTUTICAL SOCIETY, St. Nicholas hotel, Scarborough, at 7.30 p.m. Demonstration of new photographic materials

by Mr. J. Tindale. SOUTH-EAST LONDON CHEMISTS' ASSOCIATION and SOUTH-EAST METROPOLITAN BRANCH, CEUTICAL SOCIETY, Fox on the Hill hotel, Denmark Hill, London, S.E.5, at 8 p.m. Mr. J. C. Hanbury (chairman, Allen & Hanburys, Ltd.) on "Manufacturing Pharmacy in an Expanding Economy.

Wednesday, December 11

BOURNEMOUTH BRANCH, PHARMACEUTICAL SOCIETY,
Hawthorns hotel, Bournemouth, at 8 p.m. Christmas dance and party.

Institution of Chemical Engineers, Church

House, Great Smith Street, London, S.W.1. Symposium on Productivity in Research, Until December 12.

ISLE OF WIGHT BRANCH, PHARMACEUTICAL SO-CIETY, St. Mary's hospital, Parkhurst, at 7.30 p.m. Medical film show.

NewCastle and Northumberland Branch, Pharmaceutical Society, Embassy hotel, Jes-mond Road, Newcastle-on-Tyne, at 7.30 p.m. Winc and cheese evening.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17
Bloomsbury Square, London, W.C.1, at 7.30
p.m. Dr. J. T. Scales on "The Wound
Dressing."

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Unicorn hotel, Gidea Park, at 7.30 p.m. Christmas party.

SCOTTISH DEPARTMENT, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.45 p.m. Mr. S. C. Jolly on "The British Pharmaceutical Codex."

WESTERN PHARMACISTS' ASSOCIATION, Visit to the pharmaceutical department, University College Hospital, London, W.C.1, at 7,30 p.m.

Thursday, December 12

BIOLOGICAL METHODS GROUP, SOCIETY FOR AN-ALYTICAL CHEMISTRY, The Feathers hotel, Tudor Street, London, E.C.4, at 6.30 p.m. Annual meeting. Discussion meeting on "The Detection of Substances with Teratogenic Properties."

BIRKENHEAD AND WIRRAL PHARMAC'STS' CIATION, Conservative rooms, Oxton, Birkenhead, at 8 p.m. Christmas party.

BLACKPOOL BRANCH, PHARMACEUTICAL SOCIETY Imperial hotel, Blackpool, at 7.45 p.m. Talk by Mr, J, P. Kerr (a member of Council).

DURHAM COUNTY BRANCH, PHARMACEUTICAL SO-CIETY, Three Tuns hotel, New Elvet, Durham City, at 8 p.m. Dr. W. Mitchell (Stafford Allen & Sons, Ltd.) on "A Journey Through Australasia and the U.S.A." (illustrated).

GLASGOW AND WEST OF SCOTLAND BRANCH, PHAR-MACEUTICAL SOCIETY, students' union, Royal College of Science and Technology, John Street, Glasgow, C.1, at 7.45 p.m. "Scotland in Colour": an exhibition of colour transparencies by Mr. A. Laird Parker.

HOUNSLOW BRANCH, PHARMACEUTICAL SOCIETY, Sun hotel, Hanworth Road, Hounslow, at 8 p.m. Members' evening.



WON A PRIZE: One of three equal runnersup in a French perfumes window display competition organised jointly by Vogue and the Society of French Perfumers (Great Britain), Ltd., the display illustrated was by H. L. Twidale, Sutt. Sutton-inothers being Solihull Pharmacy, Ltd., Soli-hull, Warwicks, and Leslie S. Bellamy, Ltd., Chelmsford, Essex. First prize winner this year was a Glasgow hairdresser.

DISPLAY

THAT

COMMERCIAL TELEVISION

Figures in these columns represent the number of appearances of the "spot" during the week.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," November 20 For chemical products for use in agriculture and horticulture, and manures (1)

GETSAL, 846,505, FRAMOLENE, 843,512, by

J. R. Geigy, S.A., Basle, Switzerland. For chemical products for use in industry and science; chemical products for use in agriculture and horticulture; and chemical substances for preserving food stuffs (1)

CELYNOL, 848,011, by Société de Produits Chemiques et de Synthése, Bezons, Seine-et-Oise, France.

For chemical products for industrial and photographic purposes; photographic sensitised materials; films, paper and plates, all being sensitised

Device, 850,640, by CIBA, 1.td., Basle, Switzerland.

For all goods (1) and (3)

CALGON, 852,646-47, Albright & Wilson (Mfg.), Ltd., Oldbury, nr. Birmingham,

For bleaching preparations for sale in the counties of Northumberland and Durham (3)

GLEAMY, 827,156, by Gleamy Chemicals, Ltd., Gatcshead. 11, co. Durham.

For perfumes, cosmetics, non-medicated toilet preparations; shampoos; soaps, detergents (not for use in industrial and manufacturing processes); and preparations for the hair and madeup kits (sold complete) comprising such preparations (3)

TOP KEY, 837,840, by Gillette Co., Boston, Massachusetts, U.S.A.

For paper impregnated with detergents for use in water, for washing up purposes (3)

J1F, B842,545, by Unilever, Ltd., London,

For household cleaning preparations, but not including paint removing composition or any goods of the same description (3)

WHITE TORNADO, 843,698, by Colgate-

Palmolive, Ltd., London, W.1.
For perfumes, eau-de-Cologne, non-medicated toilet preparations and cosmetics, essential oils, preparations for the hair, mouth-washes (nonmedicated), lipsticks, nail lacquers and perfumed

INFLUENCE, B845,682, by Parfums Guy Laroche, Paris, 8e, France.

For cosmetic preparations (3)

SUN-LO, B844,097, by Beauty Counselors of London, Ltd., Lewes, Sussex.

For detergents for household use (3)

RIVEX, 846,478, by Prodotti Chimici Farmaceutici Centauro, Lugano, Switzerland. Chimici e

For liquid starch for laundry purposes (3) STARCOL, 852,160, by Sundrops, Ltd., Linthwaite, Huddersfield, Yorks.

For dietetic biscuits for use in slimming (5) BISKS, B811,111, by Andomia Products, Ltd.,

Bradford, Yorks, For pharmaceutical and veterinary preparations (5) TERRA-BRON, 840,505, DELTERIC, 852,525, QUENADIN, 853,206, by Chas. Pfizer & Co., Inc., Brooklyn, New York, U.S.A.

For pharmaceutical, veterinary and sanitary preparations and substances; medical and surgical plasters; material prepared for bandaging; disinfectants; preparations for killing weeds and destroying vermin (5)

RANELLA, 840,983, by Lewis's, Ltd., Liverpool, 1, Manchester, 2, and Birmingham.

For all goods (5) ACQUADERN, 844,512, by Smith Kline & French Laboratories, Ltd., Welwyn Garden French Laboratories, Ltd., Welwyn Garden City, Herts. D1ST1LLAN, 850,067, by Romney Cosmetics, Ltd., London, S.W.1. SEPH1N, 852,789, by Glaxo Laboratorics, Ltd., Greenford, Middlesex, MALIASIN, 853,390, by Knoll, A.G., Ludwigshafen-on-Rhine, Germany. For pharmaceutical, veterinary and sanitary sub-

stances, all consisting of or containing kinases (5)
PAIKINASE, 845,550, by Laboratoires Français de Therapeutique, Bordeaux (Gironde),

For pharmaceutical preparations and substances for the relief of pain (5)

ALGOPLEX, 845,741, Roche Products, by

Ltd., Welwyn Garden City, Herts.
For preparations for killing weeds and destroying vermin, funglcides and insecticides (5)

GETSAL, 846,506, FRAMOLENE, 853,513, by J. R. Geigy, S.A., Basle, Switzerland.

For pharmaceutical preparations and products (5) PRIMATENE, 846,669, by American Home Products Corporation, New York, U.S.A.

insecticides, deodorants and sanitary substances, none being medicated preparations for personal use; and disintectants (5)

ODEX, 847,036, by Odex, Ltd., Ellesmere Port, Ches.

weed-killing preparations (5)

WEEDAZOL, 847,778, by Amchem Products, Inc., Ambler, Pennsylvania, U.S.A.

For pharmaceutical preparations and substances (5)

THEONYL, 848,285, by A. B. Astra, Apotekarnes Kemiska Fabriker, Södertälje, Sweden. For disinfectants and deodorants (5)

BIBONGE, 850,296, by Elekal, Paris, 16e, France.

For sanitary towels, sanitary tampons, sanitary pads; sanitary clothing; surgical dressings and materials prepared for bandaging (5) SECRELLES, 850,841, by Wardle Cotton Co.,

Ltd., Manchester, 1.
For pharmaceutical substances for gynæcological

use; veterinary and sanitary substances (5)

GYNOVLAR, 850,976, by Schering, A.G., West Berlin, Germany.

For antiseptic and disinfectant preparations and substances (5)

PUROSEPTIC, 851,153, by Pritchards, Ltd., Cheadle, Ches,

For fungicides for agricultural purposes (5)

ANTRACOL, 851,526, by Farbenfabriken Bayer, A.G., Leverkusen, 22c, Germany.

For pharmaceutical preparations and substances for human and veterinary use (5)

SISTONORIL, 852,569, by CIBA, LTD., Basle, Switzerland,

For sanitary substances for disinfectants (5) BACTDET, 853,461, by Thames Service (Kingston), Ltd., Kingston, Surrey.

PATENTS

COMPLETE SPECIFICATIONS ACCEPTED From the "Official Journal (Patents),"

November 20

Photographic printer, Pako Corporation, 945,595, Device and method for controlling exposure in a photographic colour printer, Pako Corporation. 945,596.

Photographic reproduction processes. Kodak, Ltd. 945,496.

Colour photography. Kodak, Ltd. 945,542.

British patent specifications relating to the above will be obtainable (price 4s, 6d, each) from the Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2, from January

From the "Official Journal (Patents),"

November 27

Derivative of cobalamin. Merck & Co., Inc. 945,772.

Salicylic acid derivatives and compositions containing them. Gillette Co. 946,029.

Parenteral aqueous solutions of fat-soluble vitamins, Mcrck & Co., 1nc. 946,086.

Composition for treating fingernalls, R. P. Drake and L. F. Whitley. 946,095.

Toothbrush, L. M. Cowan, 946,283,
Therapeutic gastric anti-secretory compositions. Upjohn Co. 946,309.

Herbicidal compositions. Boots Pure Drug Co., Ltd. 945,714.

Sterilization of spores. Mcrck & Co., Inc. 945,801. Halophenyl isothioureas and agricultural compositions containing them. Fisons Pest Control, Ltd. 945.808.

Furan derivatives and antimicrobial compositions containing furan derivatives. Merck & Co., Inc.

Pyridinium compounds, Union Carbide Corporation, 946,035.

Nitroaryl photphonothioate esters, Monsanto Chemical Co. 946,039.

Isomers of hexachloro-terra-hydromethanoindene, process for preparing them and herbicidal compositions containing them, Velsicol Chemical Corporation, 946,079.

Cyclopentadiene addition products. Farbenfabriken Bayer, A.G. 946,312.

Apparatus for testing hearing, Electro General Corporation, 945,947.

Surgical clips and applicator means, A. M. Brown. 946.255.

2-sulphamoylthiazoles and a process for their preparation, Merck & Co., Inc. 945,671. Pyrazole sulphonamide compounds. Merck & Co.,

Inc. 945,672.

Separation and purification of fatty acids, glycerides and fatty alcohols, Norco Products Co. 945,774.

Process for the purification of urea. Montecatini Soc. Generale per L'Industria Mineraria e Chimica, 945,783,

Process for the production of triazinylimino compounds, G. O. Shipton, 945,855.

Tertiary auiline compounds and processes of making same, Donau-Pharmazie, G.m.b.H. 945.856.

Substituted triphenylethane. Richardson-Merrel, Inc. 945,864.
Phenylalanines. Mcrck & Co., Inc. 945,892.

Production of phenylalanine derivatives. Merck & Co., 1nc. 945,893.

Morphinone and codeinone derivatives, M. J. Lewenstein, 945,909.

British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2, from January

CONTEMPORARY **THEMES**

Subjects of contributions in current medical and technical periodicals.

PROPESSIONAL FEE EVALUATION, J. Amer, pharm. Ass., November,

UNDERDOSAGE and OVERDOSAGE, J. Amer. pharm. Ass., November.

SPIRIT STRENGTH of wines, A field kit for determining the. Chem. and Ind., November 23.

DRUG ADDICTION, A victory against, New Scien-

tist, November 28. ANTIGENS AND ENZYMES made insoluble by entrapping them into lattices of synthetic polymers. Science, November 8.

COMBINED MEASLES-POLIOMYELITIS VACCINE, J. Amer. med. Ass., November 9.

INTRAVENOUS LIDOCAINE, Regional anæsthesia with, J. Amer. med. Ass., November 9. CANCER, Surgical-chemical therapy of, J. Amer.

med. Ass., November 9. MILK INTOLERANCE in gastrointestinal disorders.

Lancet, November 30.

IMMUNOFLUORESCENT TEST for rheumatoid factor

in serum, Lancet, November 30. UROKINASE in ophthalmology. Lancet, November

30. MEDICINE. Changing prospects in. Brit. med. J.,

November 30. CORN OIL. Long-term administration of, in man-

agement of patients after myocardial infarction: a four-year study. Brit, med, J., November 30. SPECIFIC ANTIVENENE AND PREDNISONE in viperbite poisoning: controlled trial, Brit, med. J.,

WILLS

November 30.

Mr. W. H. Birch, M.P.S., 5 Parsonage Road, Heaton Moor, Stockport, Ches, left £6,588 (£6,328 net).

MR. E. A. BROADBURN, M.P.S., 14 St. Peter's Avenue, Cleethorpes, Lincs, left £11,305 (£11,245

MR. A. EARDLEY, M.P.S., 31 Chancery Lane, Alsager, Ches, left £17,896 (£17,616 net). MR. J. E. HIGGINSON, M.P.S., 205 Wigan

Road, Westhoughton, Lancs, left £17,933 (£17,872

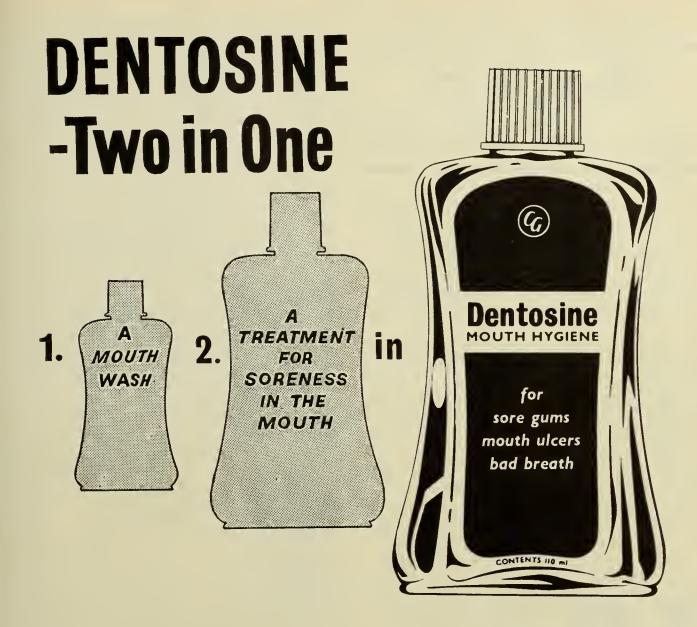
MR. G. F. LUNT, M.P.S., 27 Belgrave Street, Liseard, Wallasey, Ches, left £1,511, MR, A. J. McCabe, M.P.S., 1 Selborne Road, Croydon, Surrey, left £19,598 (£19,362 net).

MR. T. R. MILLMAN, M.P.S., 56 High Street, Egham, Surrey, left £14,576 (£14,421 net).
MR. M. Moor, M.P.S., 32 Garrick Avenue, London, N.W.11, left £4,636 (£3,526 net).

MR. A. S. REID, M.P.S., 24 Trident Road, Leavesden, Watford, Herts, left £11,592 (£6,948

MR. E. RICHARDS, M.P.S., Fachwen, Rhosir-waun, Pwliheli, N. Wales, left £15,133 (£15,060

Mr. S. P. SAYERS, M.P.S., 26 Heriot Road. London, N.W.4, left £21,180 (£21,102 net).



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Thornton Laboratories, Purley Way, Croydon, Surrey.



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SYLLABUS

Chapter 1. General Principles of Drug Action

Dr. N. Jackson, M.A., B.Sc., B.Agr., Ph.D.

Sources of drugs are considered as well as doseresponse relationships together with the individual variation which occurs in the response to drugs and the various routes of administration. The Pharmacological evaluation of a drug is described while methods for the clinical evaluation of a drug are discussed.

Chapter 2. Mechanism of Muscle Relaxants and Their Antagonists

A simplified version of neuromuscular transmission is considered, and the actions of curare and decamethonium are described in relationship to the naturally occurring phenomena. Various relaxants are discussed in more detail together with the fate and detoxication of these drugs. Methods used to evaluate neuromuscular blocking are described.

Chapter 3. Structure Action Relationships in Pharmacology

Receptor theories of drug action are discussed, with examples primarily from the Autonomic Nervous System of the ways in which small changes in the molecule effect the mode of action of a drug. In addition to Structure Action Relationships within the Autonomic Nervous System, the salicylates and cardiac glycosides are also discussed.

Chapter 4. Pharmacology of the Autonomic Nervous System

The Autonomic Nervous System is briefly described both from functional and anatomical viewpoints. The actions and uses of the sympathomimetic and parasympathomimetic drugs are described and an account is also given of the drugs which block these actions.

Chapter 5. Mode of Action of Central Nervous System Depressants

The entire group of depressants are considered briefly. These include the hypnotic drugs such as the barbiturates, chloral hydrate, paraldehyde, the bromides, etc., and some account is given of the known modes of action. Other depressants considered include the narcotic group (morphine and the opium alkaloids) as well as the inhalation anæsthetics and anti-convulsant drugs.

Chapter 6. Pharmacology of Drugs Affecting Mental Activity

Drugs affecting mental activity are discussed. These include amphetamine, monoamine oxidase inhibitors, imipramine and nialamide. Other stimulants of the Central Nervous System such as caffeine and cocaine are briefly described, while the actions of reserpine, chlor-promazine and chlordiazepoxide are discussed.

Chapter 7. Pharmacology of Infections

Deals with the development of chemotherapy. The modes of action of sulphonamides and penicillin are described, while in addition the newer penicillins are also discussed. Other antibiotics covered include the tetracyclines, chloramphenicol, erythromycin and griseofulvin. Other more toxic antibiotics are briefly mentioned.

Chapter 8. Drugs Affecting the Gastro-Intestinal Tract

The various derivatives of the Gastro-Intestinal Tract are considered separately and the drugs acting on these separate derivatives are considered individually. Thus in the stomach antacids and carminatives are mentioned while on the large and small bowel the various actions of the purgatives are described.

Chapter 9. Local Anæsthetics

Modes and times of action of the various local anæsthetic drugs are discussed as well as their dangers. Comparisons are made between the natural occurring and synthetic local anæsthetics, while an attempt is made to assess those properties by which the ideal local anæsthetic might be judged.

Chapter 10. Pharmacology of the Adrenal Gland

The various anatomical and physiological features of the adrenal gland are considered together with a consideration of the various hormones excreted by the gland. The structural relationships and the various metabolites are briefly described, while reference is made to the activity of the pituitary gland in respect of adrenal function. The adrenal medulla is also considered and an account is given of the hormones excreted by this portion of the gland.

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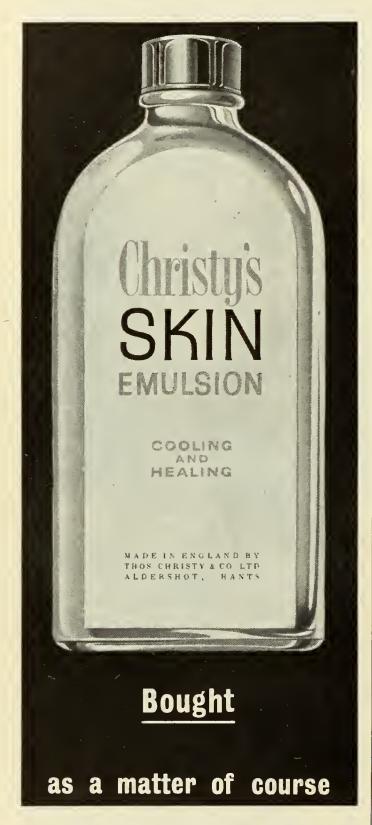
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ROUNDWAY HOSPITAL, **DEVIZES**

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MANAGEMENT COMMITTEE
Chief Pharmaciset

Applications are invited for the post of Chief Pharmacist at Ahbots Langley Hospital (Category I—276 Beds, Chronic Sick), with some duties at Leavesden Hospital, Salary in the scale £855—£1,165.

Accommodation available for single woman candidate, Lack of previous hospital experience need not constitute a bar to appointment and prospective candidates are invited to view the Pharmaceutical Department prior to interview, by arrangement with the Group Pharmacist, telephone Garston 2222. Applications stating age, experience and names of two referees to the Group Secretary, Leavesden Hospital, Abbots Langley, near Watford, Herts. C 8656

MEDWAY AND GRAVESEND HOSPITAL MANAGEMENT COMMITTEE ST. BARTHOLOMEW'S

ST. BARTHOLOMEW'S HOSPITAL, ROCHESTER
Pharmacist or Dispensing Assistant required. Salary for Pharmacist according to experience, on scale £725—£970 p.a. Salary for Dispensing Assistant according to age and experience on scale rising to £580 p.a. An additional allowance of £50 p.a. is payable to candidates holding the Certificate of the Society of Apothecaries, or an equivalent qualification.
Please apply to Hospital Secretary, giving details of age, qualifications, experience and the names of two referees.

C 8685

ST. GILES HOSPITAL,
CAMBERWELL, S.E.5
Senior Pharmacist
Applications invited for post of Senior Pharmacist. Salary scale £855—£1,115 p.a., part-time considered. Further details from or applications to Chief Pharmacist. C 8665

Appointments—Continued

LEAVESDEN GROUP HOSPITAL MANAGEMENT COMMITTEE Part-time Pharmacist equired at Leavesden Hospital, Abbots angley, on a sessional basis, Salary

required at Leavesden Hospital, Abeliangley, on a sessional basis. Salary 40s, 7d, per session of 4 hours, for up to 24 hours per week. Further particulars from the Group Pharmaeist, telephone Garston 2222, Ext. 30.

MEDWAY AND GRAVESEND HOSPITAL MANAGEMENT COMMITTEE, GRAVESEND AND NORTH KENT HOSPITAL,

GRAVESEND, KENT

Dispensing Assistant
required, salary according to age and experience on seale rising to £580 p.a. An additional allowance of £50 per annum is payable to candidates holding the Certificate of the Society of Apotheearies, or an equivalent qualification.

Please apply to Hospital Secretary, giving details of age, qualifications, experience and the names of two referces.

C 8684

ST. ALBANS CITY HOSPITAL, NORMANDY ROAD, ST. ALBANS, HERTS

(403 beds)
Senior Pharmacist
Applications are invited for the above post at this general hospital within casy reach of Central London. Whitley Council salary and conditions of service, Applications stating age, qualifications and experience, together with the names of two referees, to the Chief Pharmacist Pharmacist. Pharmacist.

THE NATIONAL SOCIETY FOR EPILEPTICS, CHALFONT COLONY, CHALFONT ST. PETER, BUCKINGHAMSHIRE

Applications are invited for a full-time Pharmacist at this colony for 500 epileptic adults and adolescents. Category I grading, Salary £855-£1,165. Whitley Council conditions of service, Unfurnished married accommodation at reasonable rent could be provided if required.

Applications

required.

Applications stating age, qualifications and experience, with the names of two referees should be forwarded as soon as possible to E. G. ENGLAND, Secretary Superintendent, Chalfont Colony, Chalfont St. Peter, Bucks, marking envelopes "PHA." C 8661

EDUCATIONAL

CHELSEA COLLEGE OF SCIENCE AND TECHNOLOGY, Manresa Road, London, S.W.3 Telephone: FLAxman 6421

SCHOOL OF PHARMACY
SPRING TERM 1964 EXTENSION
LECTURES
New Medicinal Agents
Tuesdays, January 14 to March 3rd
inclusive at 7.15 p.m.

This series of lectures, given by a panel of invited specialist lecturers, is designed to be of interest to hospital and retail pharmacists. The lectures will include a survey of drugs in current use, their mode of action and a discussion of possible undesirable side effects. The concluding lecture will be on the social and economic contribution of new drugs.

drugs.
For further information and prospectuses apply to the Senior Lecturer, Pharmacy Extension Studies, at the above address.

C 8633

SITUATIONS VACANT WHOLESALE



CYANAMID OF GREAT BRITAIN LIMITED

(Lederle Laboratories Division)

MEDICAL REPRESENTATIVES

Lederle Laboratories, one of Britain's leading pharmaceutical companies, require keen and determined young men as medical representatives for appointment in:

1. West London

2. Birmingham

The Company, famous throughout the world for its record of outstanding achievement, is based on a solid foundation of progressive research and technical development, and its products have an undisputed reputation throughout the medical profession; newly-appointed representatives are given a comprehensive training.

Company car, expenses, incentive opportunities and an excellent Pension/Life Assurance scheme are provided, together with a competitive and progressive salary.

If you are aged 25-35, with a pharmaceutical/medical background, and/or selling experience in this field, please send outline career details, in complete confidence, to:-

> Company Personnel Manager, CYANAMID OF GREAT BRITAIN LIMITED, Bush House, London, W.C.2.

C 8688

SOCIETY OF APOTHECARIES OF LONDON

Examination for Dispensing Assistants

A course of lectures in Materia Medica and Pharmacology and Lec-ture-Demonstrations in Practical Pharmacy will be held at this Hall in 1964 on the following dates:—

January — Monday, 20th and 27th
February — Monday, 3rd, 17th and
24th
March — Monday 2nd
Workersday 18th

Wednesday. Monday, 23rd

Dr. T. D. Whittet, Chief Pharmacist, University College Hospital, London, Mr. H. S. Grainger, F.P.S., Chief Pharmacist, Westminster Hospital, and Mr. G. Raine, B.Sc., F.P.S., Chief Pharmacist, St. George's Hospital, will lecture on Practical Pharmacy from 5.15 to 6.15 n.m.

Practical Pharmacy from 5.15 to 6.15 p.m.
Dr. P. A. Nasmyth, Senior Lecturer in Pharmacology, St. Mary's Hospital Medical School, Paddington, will lecture on Materia Medica from 6.30 to 7.30 p.m.
The Course is open to candidates for the examination, Sister Tutors and representatives of pharmaceutical firms. The charge for the Course will be £2 2s.

The Society has established a Register of persons who have passed the above examination.

Applications for admission to the Course and for inclusion in the Register should be addressed to:—

THE REGISTRAR,
Society of Apothecaries of London,
Black Friars Lanc,
London, E.C.4. C 8704

PUBLIC APPOINTMENTS

AIR MINISTRY

Applications are invited from qualified pharmacists for the post of Officer in Charge of the Royal Air Force School of Dispenser Training. The school is at present located at Freckleton, near Preston, Lancs, but is expected to move to Halton in 1964. Salary is on a scale from £1,185 rising to £1,640. The appointment will be for four years in the first instance, Application forms which are returnable by 20th December, 1963, may be obtained from Air Ministry, C.E.2m (CD1), Sentinel House Southampton Row, London, W.C.1.

SITUATIONS VACANT

RETAIL (HOME)

CARLISLE. Timothy Whites require full or part-time pharmacist to assist in the dispensary at their branch at 75 English Street. Please give full particulars of age, experience, etc., in letter of application to Mr. N. Lustgarten, M.P.S., Greenbank, 7 Clarksfield Road, Bolton-le-Sands, near Carnforth, Lanes, Tel.: Hest Bank 2570. C 8678

CHEMIST COUNTER ASSISTANTS required for London, E.C.1 and N.1, Highest salary paid in exchange for experience and loyalty. Apply in writing to Managing Director, Kendale Chemists, 51 Exmouth Market, London, C 5684

FITTER REQUIRED for trusses and belts and general shop duties to manage gents' department. Eagle Surgical Company, Ltd., Romford Areade, South Street, Romford Essex, Phone: Romford 42476.

SWANSEA, SOUTH WALES, Manager required to superintend an established family dispensing business, Good salary, travelling expenses and free accommodation found. Apply: Williams, The Pharmacy, 4 Sway Road, Morris.on, Swansea. C 5709

RETAIL (OVERSEAS)

PHARMACIST REQUIRED, single male, for a modern pharmacy in Bermuda. Applications to be made to Box C 5703.

WHOLESALE

BURNLEY, BLACKBURN AREA. Manager required (manageress considered) for family type business. Good opportunity for young pharmacist to gain experience and advancement in progressive company. Pleasant flat available if desired, Full details and convenient interview on application to Mr. P. J. Haworth, M.P.S., 23 Grange Road, Deane, Bolton, Lancs. Tel.: Bolton 61561,

ALLEN & HANBURYS LIMITED

are offering appointments to Pharmacists as

REPRESENTATIVES

NORWICH NORTH LONDON HULL

SOUTHEND LICHFIELD BRADFORD SOUTH WALES SUNDERLAND S.W. SCOTLAND REPUBLIC OF

SOUTH WIRRAL

READING

IRELAND (NORTH)

Training will be given and the posts offer a challenge to male Pharmacists with drive, initiative and ambition. A good salary and full expenses will be paid and a car is provided. The posts are pensionable, Applications giving details of age, qualifications and experience should be sent to the Personnel Manager, Allen & Hanburys Ltd., Bethnal Green, London, E.2, and should quote ref. no. R.33.

DEVELOPMENT AND CONTROL. A vacancy occurs in this rapidly developing company for a pharmacist to join a highly qualified research team in the field of pharmaceutical development and quality control. Well qualified young man with some experience preferred with much enthusiasm, Salary by arrangement. Please state figure expected with full details in confidence to The Managing Director, Biorex Laboratories, Ltd., 47/51 Exmouth Market, London, E.C.1.

WELL ESTABLISHED progressive importers and distributors of exclusive toiletries wish to appoint a representative for London and Greater London. Applicants should have established connections with departmental stores and chemists. Basic salary and a substantial commission, Apply Box C 5712,

EXPERIENCED TABLET MAKER required for manufacturing chemists in the Northwest, Good working conditions, Salary according to experience, Box C 8694.

SITUATIONS VACANT WHOLESALE

DUNCAN, FLOCKHART & CO. LTD., Wheatfield Road, Edinburgh, 11

SEEK A

REPRESENTATIVE

for a territory consisting of North London. The work consists of providing information on the Company's products to the medical profession and in ensuring that supplies of these products are available through hospital and the usual trade channels. A pharmacist would be preferred although a background in pharmacy or some associated occupation would also be helpful. Every facility will be provided the successful candidate to learn the work through an initial training period and continuous co-operation with the Company's scientific and medical staff. The Company is old-established and is supported by an active research organisation. A good salary is offered. There is a contributory pension scheme and a car will be provided. All legitimate expenses would be met. Please apply for an application form in confidence to Mr. N. Herdman, Managing Director, at the Company's address.

AN ENTRY INTO INDUSTRY

B.D.H. offer an opportunity for Pharmacists or Post-graduate pharmaceutical students to gain useful experience in Production.

Applications, with full details to The Senior Personnel Officer (EWP). The British Drug Houses Ltd., Graham Street, N.1, C 8690

UNQUALIFIED dispenser required for expanding firm of London wholesale chemists. Excellent prospects. Salary by arrangement, I. & N. Rabin Ltd., 189-190 Shoreditch High Street, London, E.1. Telephone: SHO. 4161.

OVERSEAS

OPPORTUNITY IN **IRELAND**

An excellent opportunity exists with an established pharmaceutical company in Dublin for a young sales executive (upper age limit 35). He must have decided Irish background and preferably a pharmaceutical qualification. Experience in a sales organisation, and ability to control indoor and outdoor staff are essentials. Replies must give full details of age, experience and present salary to Box C 8698.

AGENTS

OPPORTUNITY FROM ONTARIO, CANADA

Agent wanted for sterile surgical suture manufacturer, Canadian comsuture manufacturer, Canadian company invites enquiries from qualified hospital or medical supplies agencies to distribute products exclusively in the U.K. Apply: Trade and Industry Department, Ontario House, Charles II Street, London, S.W.I. Telephone: WHItehall 6404. WHItehall 6404.

WANTED

CASH FOR CAMERAS!!! Best prices paid for German and Japanese apparatus that has become obsolete or is "sticking," Quantity unlimited. The Camera Co., 320 Vauxhall Bridge Road, S.W.1, V1C, 5438. C 627

CONTAMINATED CHLOROFORM wanted. Box C 617.

HENSON LITTLEWOOD, dealer in surplus photographic stock. (We buy the lines you ean't sell.) 6 Broad Street, Lyme Regi. Tel.; Lyme Regis 568.

Wanted—Continued

LOBELINE SULPHATE wanted for research project. Please offer redundant stocks to Hibbert, c/o L. Light & Co., Ltd., Colnbrook, Bucks,

WANTED: Surplus cameras, enlargers, cine cameras and projectors, photographic equipment of every description. Surplus and outdated film and paper, large or small quantities. Phone, write or call: Spears (Dept. CD), back Walling Street, Shudehill, Manchester, Telephone: BLAckfriars 9432 (5 lines). Bankers: Midland Bank. Ltd. C 613 Bankers: Midland Bank, Ltd.

WE PURCHASE surplus and redundant stocks of every description especially packing material. Spot cash settlement. Reliance Trading Company, 75 Fairfax Road, London, N.W.6. KIL, 0581.

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone: Lawrence Edwards & Co., Ltd., 6/7 Wellington Closc, Ledbury Road, London, W.11. Tel.: Park 3137-8.

BUSINESS OPPORTUNITIES

MANLY MAN'S BELT, Nationally advertised "obtainable from chemists," 35/-. Full trade terms. Order by waist size from Manly Co., Manor House, Worcester Park, Surrey, DERwent 3877.

FOR SALE

COUNTERS AND FITTINGS

Glass Display Counters from £24,0.0 Counter Self Selection Units from £14.10 0 Counter Showcases, all glass from £5.5.0

All finished L/Oak. Others available.

Carriage free London.

Write or phone for fully illustrated lists or call at Showrooms:

RUDDUCK & CO. (SHOPFITTERS), LTD., 70-74 CHY ROAD, LONDON, E.C.1. CLE, 2116

C 8703

MACHINERY FOR SALE

BANCROFT 3-head vacuum liquid filling machine, with stainless steel contact parts. Semi-automatic bench model labelling machine, Details from Box C 8669.

TRADE MARKS

THE TRADE MARK No. 819888 consisting of the word "NOR-GESIC" and registered in respect of "All goods included in Class 5" was assigned on 9th July, 1963, by Vantorex Limited (also trading as Riker Laboratories) of Morley Street, Loughborough, Leicestershire, to Riker Laboratories, Inc., of 1990 Nordhoff Street, Northridge, State of California, U.S.A. WITHOUT THE GOODWILL OF THE BUSINESS IN WHICH IT WAS THEN IN USE. C 5706 THE TRADE MARKS set out below were assigned on 26th September, 1963, by A. H. Robins Company Limited, of Foundry Lane, Horsham, Sussex, to A. H. Robins Company Inc., of 1407 Cummings Drive, Richmond, State of Virginia, U.S.A., WITHOUT THE GOODWILL OF THE BUSINESS IN WHICH THEY WERE THEN IN USE,

Regd Trade
No. Mark Goods
749785 PABALATE Pharmaceutical stances,

substances. Pharmaceutical 766196 " ROBAXIN " preparations 770655 ROBITUSSIN Pharmaceutical preparations Pharmaceutical parations. 773313 DIMOTANE 779813 DONNATAL Pharmaceutical, veter-inary and sanitary preparations. preparations,
Pharmaceutical and
veterinary preparations
and substances, all
containing enzymes,
All goods included in
Class 5.
Muscle relaxants, be-784481 DONNAZYME 790087 ROBAXISAL 828341 SKELAXIN ing pharmaceutical preparations, All goods included in Class 5. 835473 ROBINUL C 8693

TENDERS

SOUTH WESTERN REGION-JOINT DRUGS CONTRACT

Tenders are invited for the supply of Drugs and Pharmaceutical Preparations, for a period of 12 months commencing 1st May, 1964, to all Hospital Management Committees in the South Western Region, and also to the United Bristol Hospitals. Tender Forms will be issued early in January 1964. Written applications for these Forms should be made to the Contracts Officer, Supplies Department, Southmead Hospital, Bristol. pital, Bristol.
The Southmead General Hospital

The Southmead General Hospital Group Management Committee acting on behalf of the Hospital Groups concerned in the Contract, does not bind itself to accept the lowest or any tender.

C. C. HANCOCK,

Secretary.

C. C. HANCOCK,
Secretary,
Southmead General Hospital
Group Management Committee,
Southmead Hospital,
BRISTOL.
November 1963.
C 8687

LANCASHIRE COUNTY COUNCIL

Tenders are invited for the supply of the following during the period 1st March, 1964, to 28th February,

Ist March, 1964, to 28th February, 1965:—

Schedule "A"—Drugs and Pharmaceutical Preparations, Schedule "B"—Surgical Sundries, Instruments and Dressings, Schedule "C"—First Aid Cases, Schedule "D"—Toilet requisites (excluding soap products), Schedule "E"—Dental Sundries.

Tender forms (kindly state which Schedule(s) required) from County Medical Officer of Health, Room 109, East Cliff County Offices, Preston, Closing date for the receipt of tenders 10 a.m., Monday, 30th December, 1963.

C 8681

NORTHERN IRELAND HOSPITALS AUTHORITY

Tenders are invited for the supply of surgical dressings to all hospitals for the period 1st April, 1964, to 31st March, 1965.
Full information and form of tender may be obtained from the Secretary, Northern Ireland Hospitals Authority, 27 Adelaide Street, Belfast, 2, to whom completed tenders, labelled as instructed, should be sent so as to reach him not later than 5 p.m. on Friday, 3rd January, 1964.

Special consideration will be given to firms on the King's National

to firms on the King's National Roll.
The Authority do not bind themselves to accept the lowest or any
C 5708

FINANCE

RELEASE CAPITAL tied up in book debts by using our Sales Finance service, CML, 115 Gloucester Place, W.1. C 5683

STOCKTAKING

STOCKTAKER required for duties in London area and southern counties generally. Some knowledge of drug trade, wholesale or retail, essential, Ernest J. George & Co., 329 High Holborn, London, W.C.1. C 8702

MISCELLANEOUS

OINTMENTS—CREAMS—TABLETS
LIQUIDS—POWDERS

Manufacturing, Filling and Packaging Services at very keen prices.
Home and Export Enquiries
Welcomed.
PHARMACAL SUPPLIES, LTD.,
Green Lane, Hounslow, Middx.
Hounslow 8615.

C 5576

15% DISCOUNT FOR CASH FURNITURE, BEDDING, CARPETS 12½% discount on Electrical Goods, 7½%—10% on Cookers.

73%—10% on Cookers.

All leading makes supplied, Readers of The Chemist and Druggist are invited to visit our well-stocked showrooms, Three floors of furniture on display. Delivery free, any distance. Discounts based on advertised retail prices, (Half-day Thursday.)

MOLENS (House Furnishers), LTD., 600 Lea Bridge Road, London, E.10.

Tel.: LEYtonstone 9111.

COHAR FOR CARPETS offer 15%—20% saving, all leading makes, carriage free U.K. Huge saving on Venetian Blinds, Sewing Machines, Typewriters, Parquet Tiles, Furniture, Washing Machines, Refrigerators, Lawn Mowers and Power Tools. Showrooms at London, Leicester, Sheffield, Bradford, Leeds, Hull, Middlesbrough, Manchester, Newcastle, Bristol, Hadleigh (S.), Liverpool, Cardiff, Swansea, Aberdeen, Edinburgh, Cambridge, Plymouth, Bournemouth, Brighton, Glasgow, Dundee, Birmingham, Preston, Blackpool and Belfast. Write—Cohar Distributors, 47 Oswald Street, Glasgow, C.1, Or phone: Glasgow CENtral 8325, Birmingham MIDland 8333, London CHAncery 2345, Manchester CENtral 2321.

Quarterly Price List DECEMBER DECEMBER

	Agla (208' BW)						
Delete	atomiser r/stopper						
	Alderlin (649 ICI) injection 10 mgm 5	20	0ea	5 0ea	35	0	
	tablets 0·1 gm 50	15	0ea	3 9ea	26	3	
	Alkeran (208 BW) 250	60	0ea	15 Oea	105	0	
	injection unit pack	28	4ea	_	42	6	†8184A
	tablets 2 mgm 100 5 mgm 100	23 41	4ea 8ea	_	35 62	6	†8184A †8184A
	Alusac (218 Calmic)	**	004		-	Ť	122220
	tablets 40	48	0	12 0	7	0	
	Andre Philippe (48 AP)	18	0ea	4 6ea	31	6	
Delete	after shave lotlon 2 oz 108						
Dele t e Delete	talc puffer 103 brilliantine 2 oz 109						
Delete	Cologne deodorant 2 oz 110						
Delete Delete	shampoo men's 107 creme sachet 105						
Deucie	Aphrodisia (Fabergé) (1444 MDI				4.		
	perfume spray	10 42	0ea 2ea	2 5ea 10 3ea	17 73	6	
	for men					•	
	woodhue lotion	10 24	0ea 0ea	2 5ea 5 10ea	17 42	6	
	Aquamox (746 Lederle)			0 2000			
	tablets 50 mgm 25	14 56	6ea 0ea	=	21 84	9	
	Arobon (883 Nestles)			10.1			
	powder	53	4	13 4	7	0	
	dispenser	48	0	12 0	6	9	
	Betavel (1285 Vitamins) ampoules 100 mgm 5	46	0	_	5	9	
	Betnovate (518 Glaxo)	7	Gon		10	0	TS
	cream 15 gm lotion 20 mils	9	6ea 6ea		12	8	TS
	ointment 15 gm	7	6ea	_	10	0	TS
	Betnovate-N (518 Glaxo) cream 15 gm	7	9ea	_	10	4	TS
	lotion 20 mils	9	9ea 9ea	_	13 10	0	TS TS
	ointment 15 gm Bio (1400 PBI)	•	eoa.			_	10
D -2-4a	plant food drum 5 gall	56	868	_	85	0	
Delete	compost maker 7 lb	4	4ea	_	6	6	
	bone meal ctn 7 lb	2 4	0ea 0ea	_	3 6	0	
	14 lb	7	6ea	_	11	6	
Delete	bulb fibre sm. bag, 56 lb & 1	cwt	log				
nsert	Biosone GA (129 Blorex) existin Biosone (117 BPL)	g chu	105				
	cream 25 gm	56 56	0	14 0 14 0	8	2	′
	suppositories 6	60	ŏ	15 0	8	9	
	Buclamase (346 Dales) tablets 100	20	0ea	5 0ea	35	0	
nsert	Compat Green (1491 VAS)		000	0 000			
	insecticide 1 pt	• •	• •	••	15	6	
	Cresopan (1491 VAS)	••	••	••	116	U	
	livestock disinfectant 1 gail	••	• •	••	35	0	
	Cuckoo (453 Fecher) pumice-stone	4	31	1 1		8	
	Cupal (333 Cupal) bismuthated magnesia ovals						
	tins 2 oz	10	3	2 4	1	6	
	under 14 lb 14 lb and less than 28 lb	5 5	3 lb 0 lb	1 2 lb	b —		
	28 lb and over	4	9 lb	i i lb	~		
	Dapsodine (358 D&S) Intramammary tubes 12	120	0		25	n	†84B
	syringes 12	240	ő	_	30		†84B
1	Daptamycin (894 Nicholas)		0	11 0	70	_	III C
	capsules 60	44	8ea	11 2ea	18	2	TS
	Day's (358 D&S) etheric ammonia 8 oz	53	4	16 0	8	0	
)eleis	red drink 7 lb	22	3ea	6 8ea	40	0	
-	Degranol (117 BPL)						
relete	tablets 50 mgm 250						

	Dexa-Rhinaspray (15	4B)						
	metered-dose aer							
	with nasal applic		11	4ea	2 10e	a _	_	TS
Delete	Digiglusin (413 Lilly)	tablete all	21708	100	2 100	rue .		10
Decete	Dimelor (413 Lilly)	Capicis an	31400					
	tablets 500 mgm	1000	175	0ea		262	R	†84B
	Dimotane (1071 Rob		110	Oca		202	•	IDED
		16 oz	24	6ea		36	0	
	expectorant		29			43		
		16 oz	29	4ea	_	43	**	
D . l . l .	Durex (774 LR)	010						
Delete		816						
Delete	fingerstalls	151						
	Elastikon (672 Johns	30 <u>1</u>)						
	elastic adhesive ba		4.0	^				
	3 yd	$2\frac{1}{3}$ in	46	9	_	5 6	6	
	(0 (0 PREP)	3 in	55	3	_	ь	0	
	EM (840 EMF)							
	slippery elm food	1 lb	38		_	4	3	
		2 lb	68	0	_	7	6	
	Emplets (938 PD)							
Delete	thyroid gland gr 1	100 & 500						
	Emprote (840 EMF)	½ lb	24	9	_	2 5	9	
		1 lb	45	0	_	5	0	
	EM-80y (840 EMF)						_	
	oil	1 pt	38		_	4	3	
		½ gall	12		_	17	0	
		1 gall	24	4ea	_	32	6	
	Ergotamine							
Delete	Valgraine							

THIS WEEK'S CHANGES AT END OF LIST

	Eylure (443 Eylure)						
	glideline lipbrush		51	0	12 9	7	6
	Fenostil (1493 Zyma)						
	retard tablets	20	5	0ea		ea 8	
	0.00001120	100 100 mils	21	10ea 0ea		dea 38 ea 7	2½†s7 0 †s7
	syrup Fulcin (649 ICI) there neutic substa	100 mms	*	Oca	1 0	Oa, I	0 181
Delete	therapeutic substa	nce symbols	s TS				
	Germaine Monteil (1	486 GM)					
	Color Blend	• •	**		• •	42	0
	Granobisk (535 Gra	nose) 16	10	10		1	2
	Granose (535 Granose						
	cashew cream	6 oz	26	0	_	2	9
	fruit bran	12 oz	47 11	3	_	5 1	0
	meatless steak	8 oz	18	2	_	i	11
	meaness steam	16 oz	29	2 2 7	_	3	i
	peanut butter	6 oz	12	7		1	4
		12 oz	23	8	_	2	6
	peanut crumble	6 oz 12 oz	12 23	7	_	1 2	6
Incort	Growmore (1400 PB)		23	0		2	0
1100011	fertiliser	ctn	2	2ea	_	3	3
	202022	7 lb	3	6ea	_	5	3
		14 lb	5	0ea	-	9	6
	Guerlain (548 Guerla)	ln)				7	0
	soap jeune age (4)	tube	• •	• •	• •	7	0
	liford (645 Ilford)		••	•••	••		•
	flashgun Ilfolux				5 5	ea 37	8
Delete	Infundin (208 BW) I	oituitary ext	tract ((vet.)			
Insert	Inotyol (346 Dales)		0.4		c 0	-	
	ointment	• •	24 28	0	$\begin{array}{ccc} 6 & 0 \\ 7 & 0 \end{array}$	3	6
	Kodak (711 Kodak)	• •	20	v	, 0	-	•
	Instamatic camera	"500"	476	1lea	119 0	ea851	6
	Kodablitz flash hol		23	4ea		ea 40	10
	Kwic-bru (535 Granos	se) 3 oz	26	0		2	9
		6 oz	44	10	_	4	9

the most versatile digitalis glycoside

LANOXIN DIGOXIN

答

TABLETS ◆ SOLUTION ◆ INJECTION ◆ PÆDIATRIC TABLETS & ELIXIR BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

	Linc-o-lin (657 1L) existing entri Linc-o-lin (657 1L)	ies	Sobiacrin (346 Dales) tablets 100 38 0ea 9 6ea 66 0
	hair-do aerosol 4 oz hand cream 1 oz 4 oz	51 0 13 0 7 6 10 3 2 7 1 6 26 0 6 6 3 11	Insert Spot (1400 PBI) lawn weedkiller 16 0 — 2 0 Steedman's (1406 Steedman)
	gift pack laequer refills (hard)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	nappy cream tube 16 0 — 2 0 Suba-Maid (479 WF)
	shampoos aero dry beer sachet	19 5 4 11 2 10 6 0 1 10 10 10	shampoo spray 15 7ca 1 6ca 24 11 Delete Sunnybisk (535 Granose) Insert Sunnybisk (535 Granose)
	barrels 2 oz magnums 8 oz	17 1 4 3½ 2 6° 33 8 8 5 4 11	biscuits 12 10 3 — 1 1 24 17 4 — 1 10
	lacquer removing sachet 2 oz 4 oz	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	\$\ \text{36} & 29 & 0 & \top & \text{2} & \text{5} \\ \text{cosmetic pencils} & \cdots & 8 & 0 & 2 & 0 & \text{2} & \text{0} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} \\ \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} & \text{0} \\ \text{0} & 0
	lemons lemon eream sachet 4 oz	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Syrupus pectoralis rub. (459 Ferris) 1 litre 10 10ea — + + + + + + + + + + + + + + + + + +
	liquid tonie 4 oz medicated 4 oz	19 0 4 9 2 11 19 0 4 9 2 11	Delete 40 & 80 oz Tancolin (810 Maw)
	olive oil 4 oz Lotil (107 BH&L)	19 0 4 9 2 11 17 1 4 3 2 6	Insert childrens linctus 2 litre 29 3ea Delete Tar-Biosone (129 Biorex) Insert Tar-Biosone (117 BPL)
	spansule capsules 30 250	94 6 — 11 10 †s7 62 6ea — †s7	eream 25 gm 60 0 15 0 8 9 S.A. ointment 25 gm 60 0 15 0 8 9
	Metilar (649 1C1) tablet strengths should read 1 Mycil (179 BDH)	l mgm and 2 mgm	Thiosporin (208 BW) injection 500,000 i.u. vial 15 0ca — 22 6 TS Tommee Tippee (1492 HE)
Delete	pessaries 12* Mysoline (649 IC1) with phenytoiu		baby eare set
	Spraytabs 100 Nepenthe (459 Ferris) existing or		cup 60 0 6 0 7 11 eup and bowl set 126 0 12 7 16 10
Insert	Nepenthe (459 Ferris) 50 mils 100 mils 250 mils	4 2ea — — DD 6 6ea — — DD 14 8ca — DD	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Nutmeat (535 Granose) 10 oz	28 0ea — — DD 20 6 — 2 2	saddle potty 128 0 — 15 11 travel potty 55 0 — 6 11
	Nuttolene (535 Granose) 10 oz 16 oz	$egin{array}{cccccccccccccccccccccccccccccccccccc$	Tonalix (459 Ferris)
	Oatrex (701 King) Oatrex (840 EMF) 1 lb	22 6 — 2 6	Delete 40 & 80 oz Velvas (1400 PB1)
	Palaprin (187 BS) tablets forte 100	41 10 — 4 6 14 2ea — 18 11	7 lb 3 8ea — 5 6 14 lb 6 6ca — 9 9
	Palmolive (280 CP) shaving cream brushless		56 lb 19 4ea — 29 0 1 cwt 31 8ea — 47 6 Vesop (701 King) 6½ oz 19 0 — 2 0
	jar lather jar soap family	34 4 8 6 4 6 34 4 8 6 4 6 170 0 42 0 1 8	1 gall 28 0ea — — Vibrocil (1493 Zyma)
Insert	-Panant (1400 PBI)	(gross) (gross) 20 0 — 2 6	drops 15 mils 44 0 11 0 6 5 TS uebuliser 15 mils 44 0 11 0 6 5 TS Vol de Nuit (548 Guerlain)
Delete	Panteric (938 PD) tablets 25	20 0 — 2 0	Delete bath essence 13 oz 24 0 Weed-a-Lawn (1400 PBI) 2 oz 1 4ca — 2 0 4 oz 2 4ca — 3 6
Delete	Parke-Davis (938 PD) aspirin tablets gr.5 100 Pernazene (346 Dales)		8 oz 4 0ea — 6 0 1 qt 13 0ea — 19 6
Insert	nebuliser 10 mils Pertofran (501 Geigy) ampoules 25 mgm/2 mils 10	66 0 16 6 9 8 14 0ea 3 6ea 24 6 †s4B	Wellcome (208 BW) Delete leptospira icterobaemorrhagiae vacc. (vet.) 3 cc Delete staphylococcus antitoxin 20,000 units
	tablets 25 mgm 100 1000	34 6ea 8 7½ea 60 4 ½†s4B 318 0ea 79 6ea 556 6 †s4B	Delete vitamin D concentrated injection (vet.) 20 cc typhoid-paratyphoid
Delete Insert	Phytoferol (179 BDH) capsules 200 mgm all sizes Polysan (1491 VAS)		$\begin{array}{cccccccccccccccccccccccccccccccccccc$
2,100,10	aerosol 1 pt 1 gall	15 6 116 0	Delete T.A.B.T. No's 1&2 Zicodet (1491 VAS)
	Quickies (451 F&J) jar large size pad 5	12 0 3 0 1 9 25 8 6 5 3 9 18 10 4 9 2 9 18 10 4 9 2 9	detergent
Insert	Travel fresh for men Quinocarbine (346 Dales) tablets 50	18 10 4 9 2 9 36 0 9 0 4 9	AMENDMENTS AND ADDITIONS TO KEY TO SUPPLIERS
2100010	Quinphos (898 Northern) liquid or tablets small	16 8 4 2 2 3	47 Anestan = Anestan, Ltd., 6 Albemarke Street, Loudon, W.1. Hyde Park 2444.
	Rimett (701 King) "Still White" & "Still	42 0 10 6 5 6	217 Calfos = Calfos, Ltd., 168 High Holborn, London, W.C.1. Temple Bar 3629.
	Red" grape juice Rimus (701 King)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	757 Lewis = Lewis Laboratories, Ltd., Lavender Walk, Leeds, 9. 795 MF = Marketing Facilities, Ltd., 208 Edgware Road, London, W.2. Paddington 8463.
	grape juice	42 0 — 4 6 77 8 — 8 6	 797 MGS = Maria St. George, Ltd., Tilc House, Tile House Lane, Deuham, Bucks. Denham 2231. 840 EMF = Eustace Miles Foods Co., Ltd., Colnbrook, Bucks. Colnbrook
	Rissol-nut (535 Granose) 16 Robaxin (1071 Robins) ampoules 1	29 2 — 3 1 60 - 0 — 7 6 †s4B	2331. 1491 V.A.S. = V.A.S., Ltd., Oxted, Surrey. Oxted 2291.
	$5\\25$	21 Sea — 32 6 †s4B 103 4ea — 155 0 †4sB	1492 HE = Hellermann Equipment, Ltd., Crawley, Sussex. Crawley 28888. 1493 Zyma = Zyma (UK), Ltd., Cotteshall Laue, Godalmiug, Surrey. Godalming 303.
	tablets	16 8ea — 25 0 †s4B 150 0ca — 225 0 †s4B	
	tablets 50 500	16 Sea — 25 0 150 Oea — 225 0	THIS WEEK'S CHANGES
	Robinul-PH (1071 Robins) tablets 50 500	18 4ea — 27 6 †s1s4A 166 8ea — 250 0 †s1s4A	NEW and altered entries notified for the first time $A = A \text{dvanced}. R = \text{Reduced}.$
	Sausalatas (535 Granose) 10 oz 15 oz	22 0 — 2 4 30 9 — 3 3	Entries new this week are marked thus: —
	Sausalene (535 Granose) 10 oz 16 oz	20 6 — 2 2 2 3 1	Insert Alkadonna-P (228 Carlton) tablets 10 11 3 2 10 1 7 †s1s4A 60 44 0 11 0 6 0 †s1s4A
	Saviand (535 Granose) 10 oz 16 oz Schick (115 SI)	20 6 — 2 2 29 2 — 3 1	dp350 234 0 — + †s1s4A Alupent (154 B)
	electric shaver Magna Power	70 1ea 20 9ea 168 0	(distributors 969 Pfizer) Delete tablets . 10 mgm Anapax (1053 Rexall)
Insert Delete	Sedresol (459 Ferris) oiutment 500 gm	8 4ea — —	tablets
Detete	8 oz & 1 lb		A soap box of 3 35 0 9 0 4 6

Dece	ember	7, 1	963	SU.	PPL	EM	ENT	TO	Ţ,	ГНЕ
_	Bonio (1	175 SPI	L)	2 doz 1 doz	25 24	6 8	=	1 2	47	
Delete Insert	old pa Clinidal ((272 Cli	n. P.)	75 gm 48	46	0		5	6	†s7
	Colortint	(541 F	&J)		42	0		5	0	†s7
A Insert	capsul sachet Comba (··· vey)	$\begin{array}{ccc} & 6 \\ \vdots & 2 \end{array}$	24 10	0 3	$\begin{array}{ccc} 6 & 0 \\ 2 & 7 \end{array}$	1	6	
	curlers	s small - mediu: - large	m eard	ls gross s gross s gross	$143 \\ 123 \\ 102$	6 0 6	$ \begin{array}{cccc} 40 & 9 \\ 30 & 9 \\ 25 & 7 \end{array} $	1 1	9 6 3	
	rolls	small	pack	s gross s gross ets gross	$\frac{102}{144}$	6	$ \begin{array}{cccc} 25 & 7\frac{1}{2} \\ 41 & 0 \end{array} $	1	3 9 0	
	n.	large	paek card	s gross tets gross s gross	82 144 102	0 0 6	$ \begin{array}{cccc} 20 & 6 \\ 36 & 0 \\ 25 & 7\frac{1}{2} \end{array} $	1	9	
Insert	Complax		Clin. P.		144 42	0	41 0 10 6	1 5	9	
A	Cow and	Gate (307 C&	(G) 16 oz	21	0		2	4	
Ā	D.D.D. (359 DD	D) (dis	stributors 1 oz	366 E	endro 11	4 9	2	6	
				2½ oz 5 oz	34 51	2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		9	
	extra	strong		$\frac{16 \text{ oz}}{2\frac{1}{2} \text{ oz}}$	34	1	12 9 29 4 8 6 12 9 29 4	4	6	
				5 oz 16 oz	$\begin{array}{c} 51 \\ 117 \end{array}$	$\frac{2}{6}$	$ \begin{array}{cccc} 12 & 9 \\ 29 & 4 \end{array} $	6 15	9	
	balm	• •	• •	tube jar	$\frac{18}{22}$	11	4 9 5 8	2	6	
	Dileaun	/170 DI	2117	16 oz	136	5	34 1	18	Ō	
R	Dilosyn syrup			4 oz 1 litre	58 38	0 4ea	=	7 57	3	†s4B †s4B
•		les	• •	30 250	195 130	0 3ea	_	24 195	5	
R	Equadio tablet	(1352	Wyeth))	125	0			11	†s4B
R	Equaprii	1 (1352 s	Wyeth	ı) 20	31	0	_	- 3	6	†s4B
Delete	Harmon hair e		dibbs)	250	190 16	0 2	3 11	21	1	†s4B
•	Ladamali	is P (49	AF)	 50 mils	108	0	27 0	14	3	
Delete	Iso-Brov	on (859			100	0		44	•	
Corr.	tablet Jackson	's (662 l		100 n items	120	0	_	14	3	Ť
Delete	liste Kenergy	ed shoul 7 (1175 72 Clin	d read SPL) d Pv	log food	8	6	1 2	1	2	
	eough Mellajud	syrup e (1494	Melloj	4 oz jucc)	49	0	—	5	10	4
		mices		4 oz	10	6	·	1	1	t
Delete	tamet	S	* *	500						
	Mystecli tablet		odmo	16 100	$\frac{18}{110}$	6ea 10ea	=	27 166	9	TS TS
A :-	tablet	s		100	14	6ea	_	21	9	†s4B
	Nephril- tablet	s		100	11	0ea	_	16	6	†s4B
A	Nomaze aerosc	ol		20 mils	8 266	4ea	dron)	12	6	t
	euticle	e soften	er	distribute	13	2	3 3	1	11	
1.		or crea	m	istributor: 	s 366 I 16	Dendr 7	on) 4 2	2	5	
Insert	vaccir	ics		1·5 mils	28	0		3	6	
				10 mils 25 mils	100 18	0 Sea		12 28	6	
		hoid-pa & B		1.5 mils	28	0	-	3	6	
				10 mils 25 mils	100 18	0 8ca	_	12 28	6 0	

пем	191	AND	DK	00013) I						3
		Ť		1·5 mils 10 mils	$\frac{28}{100}$	0	_		3 12	6	
	Desta			1.5 mils	28	0	_		3	6	
•		col 10 (9' lets	12 Phari	max) 20 200	$\begin{array}{c} 4 \\ 40 \end{array}$	9ea 0ea	=		_		†s1s4A †s1s4A
•		col 20 (9 lets		rmax) 20	5	6ca	_		_		†81s4A
Dalota	Phyto	ferol (17)	9 BDH)	200	47	0ca	_		_		†\$1\$4A
Delete Insert	Placet	sules 200 l (272 Cl lets		25 and 100 24	42	0	10	6	5	11	
Corr.	test	gen (394 set with	control	2 mils	3	4ea	_		_		
	a	tinent sond 2×10	mils)	vials	60	0ea	_		_		
. •	toil	I Lyme e et lotion	(319 CL	avel size	20	0	5	0	3	0	
Insert		n (649 10		4 oz 12	150	0	37	6	25	0	+
Insen	Scholl	nges 's (Dr.)		MC)	••		0	• •	•••		†
Insert		blain oir a (888 N	lewey)	••	24	0	6	0	3	8	
	roll	pae	ket	gross	$\frac{102}{183}$	$\frac{6}{0}$	$\frac{25}{45}$	$\frac{7\frac{1}{2}}{9}$	1 2	3	
Insert	roll		388 New d ket	ey) gross gross	123 183	0	30 45	9	1 2	6	
A		rs (1172 food			9	5	_		1	0	
	Sav	al No's	1 & 2	• •	23	$\frac{10}{2}$			1 2	3 5	
		_		• •	$\frac{11}{21}$	6	_		1 2	2	
* . • .		nalot me	al	• •	$\begin{array}{c} 11 \\ 21 \end{array}$	0 6	_		1 2	2	
	Sprat			xisting en	tries						
Insert		ned fish		4 doz 4 doz	28 39	0	_		1	9	
	mis	mea d ovals		2 doz	35 11	$\frac{0}{2}$				111	ŀ
.1		tan (366		 an)	21	6			2	3	
	orig	ginal or 1	nousse		85	8	21	5	12	6	
A	Teeno	col (972 reem (11 form (17	79 Stan 9 BDH)	acen)	20	0	5	0	3	0	
Delete				6 and 25 e)							
Delete	mo. Valer	isturising ie (888 N	g lotion Tewey) e	xisting en	72 tries	0	18	0	10	6	
Insert	V aler hai	ie (888 N rgrips	(ewey)								
	11	ushioned intipped		gross gross	41 41	0	$\frac{10}{10}$	3		6	
Insert	dus	ia (272 (sting pov (1277 VI	yder	100 gm	42	0	10	6	5	11	
Delete	val	our rub Meet (1)		3 oz							
А 1.	No	's 1 & 2 (366 Dec		••	11	0	_		1	2	
-11	lux	ury spra efill			$\frac{30}{24}$	$\frac{10}{0}$	$\frac{7}{6}$	9	4	6	
	roll	l-on efill		••	37 30	9	97	5 9	3 5 4	6	
	stic				24	0	6	ő	3	6	

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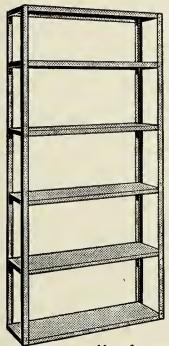
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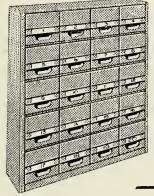
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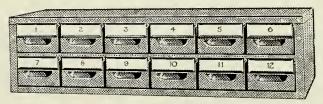
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